

ISSUED 1897

ILLUSTRATED  
CATALOGUE & PRICE LIST

ARTISTS  
MATERIALS

GOLD PAINT

BRONZE POWDERS,

METALLICS,

METAL LEAF, &c.

Colors

AND

MATERIALS

CHINA & GLASS PAINTING,

Oil, Water Color & Pastel

PAINTING, DRAWING &c.

A. SARTORIUS & C.

46 West Broadway,

-TRADE-

PHL. O. STRUCKEY.

New York

MARK -



THE HENRY FRANCIS *du* PONT  
WINTERTHUR MUSEUM  
LIBRARIES



ILLUSTRATED  
CATALOGUE AND PRICE LIST

—OF—

**ARTISTS' MATERIALS**

Gold Points, Bronze Powders, Metallics,

Metal Leaf, &c.

COLORS AND MATERIALS FOR CHINA  
AND GLASS PAINTING.

COLORS AND MATERIALS  
FOR OIL, WATER COLOR & PASTEL PAINTING  
AND DRAWING, &c.

**A. Sartorius & Co.,**

46 WEST BROADWAY,

BET. PARK PLACE AND MURRAY STREET.

ISSUED MARCH 1st, 1897.

Quotations made previous to this date are cancelled.

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Materials for Gilding and Decorating.

# GOLD, SILVER AND BRONZE PAINTS.

## Renaissance Gold Paint, READY MIXED.



*Put up in  
Red, Polished  
Wooden Boxes.  
Furnished  
in Gold, Silver,  
Copper,  
or any other  
Bronze Color  
desired.*



*Each  
Box contains a  
bottle of  
Ready Mixed  
Gold Paint,  
Brush, and  
Circular giving  
instructions.*



Price, per dozen, regular size .....	\$1.50
" " gross, " " .....	15.00
" " dozen, extra large size .....	3.00
" " gross, " " .....	30.00

The same in One Pint Bottles.

Price, per bottle .....	\$2.25
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## MATERIALS FOR GILDING AND DECORATING--Con'd.

GOLD, SILVER AND BRONZE PAINTS--Continued.

## ◆ BRIC-A-BRAC. ◆



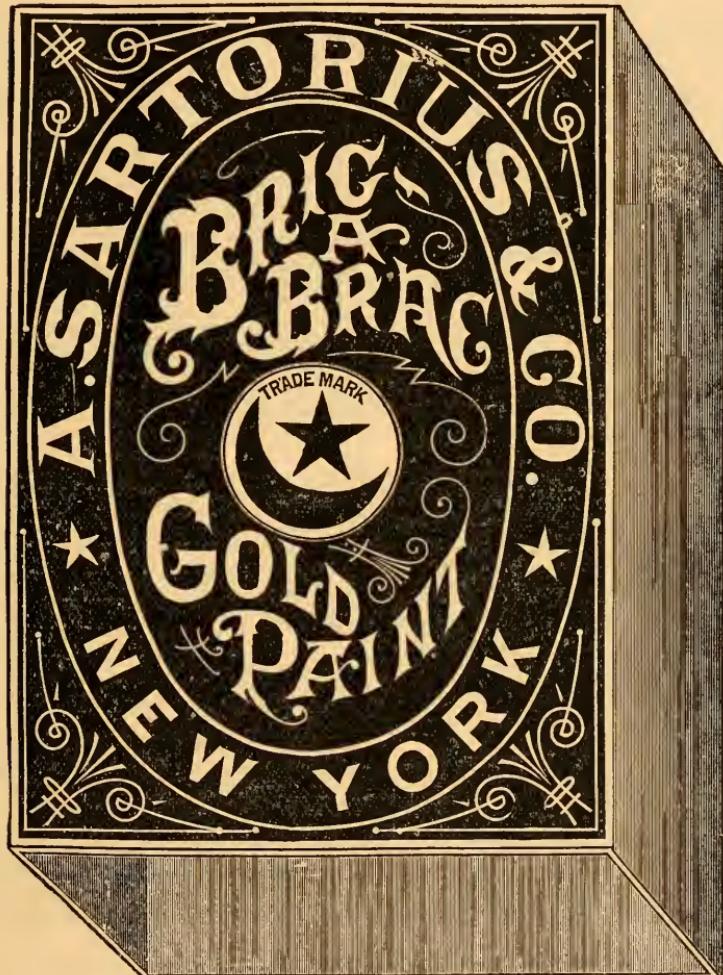
*Each Box contains a bottle of Powder, a bottle of Liquid with printed directions, Large Mixing Cup and Brush.*

The above cut shows regular size.

MATERIALS FOR GILDING AND DECORATING  
(Continued).

GOLD, SILVER AND BRONZE PAINTS—Continued.

## GOLD PAINT.



Price, per dozen, regular size.....	\$1.75
" " gross, " " .....	18.00
" " dozen, extra large size .....	3.50
" " gross, " " .....	36.00

MATERIALS FOR GILDING AND DECORATING—Con'd.  
GOLD, SILVER AND BRONZE PAINTS—Continued.

## ORIENTAL GOLD PAINT.

*SMALL SIZE.*



*Each box contains a bottle of Powder, a bottle of Liquid with printed directions, Mixing Cup and Brush.*

Price, per dozen.....	\$1.50
" " gross.....	15.00

MATERIALS FOR GILDING AND DECORATING—Cont'd.  
GOLD, SILVER AND BRONZE PAINTS—Continued.

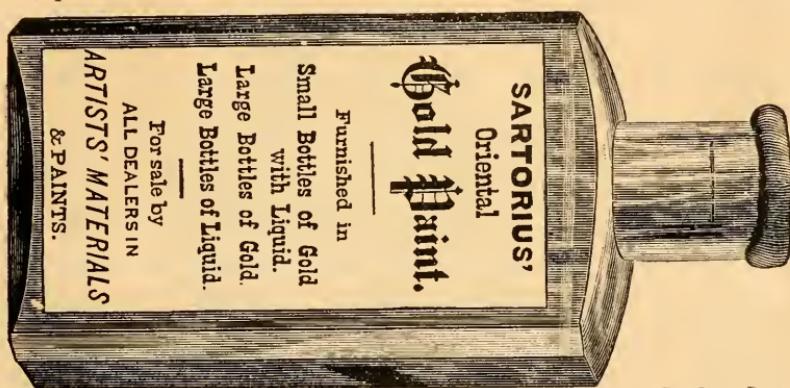
### ORIENTAL GOLD PAINT.

LARGE SIZE.



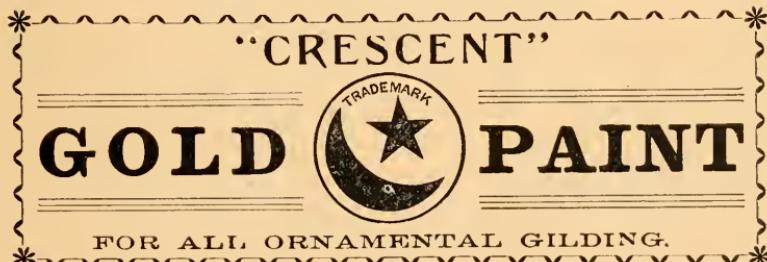
Large size bottles of Powder with printed directions.

Price, per dozen.....\$2.75 | Price, per gross .....\$28.00



	Per doz.	Per gro.
Large size bottles of Liquid with printed directions.....	\$0.90	\$9.00
Medium " " " " " " .....	0.60	6.00
Small " " " " " " .....	0.40	4.50

### CRESCENT GOLD PAINT.



Each box contains a bottle of Powder and a bottle of Liquid with printed directions.  
Price, per dozen.....\$1.25 | Price, per gross .....\$12.00

Extra: With Brush and Mixing Cup.

Price, per dozen.....\$1.50 | Price, per gross .....\$14.00

## MATERIALS FOR GILDING AND DECORATING—Cont'd.

GOLD, SILVER AND BRONZE PAINTS—Continued.

# Crescent Liquid Gold Paint

READY MIXED.

Furnished  
IN  
Gold, Silver,  
Copper,  
Aluminum,  
or any other  
Bronze Color  
desired.



For Painting  
Chandeliers,  
Radiators,  
Paper-  
Baskets,  
Chairs,  
Stools, etc.

(For gilding  
leather use the  
Oleo Gold Bronze  
in tubes.

See page 99  
of Catalogue.

*Put up in paper boxes, each box containing one dozen bottles of Crescent Liquid Gold Paint and one dozen brushes.*

Price, per dozen bottles.....	\$0.75
" " gross " .....	8.00

**NOTE:**—All Paints enumerated on pages 1, 2, 3, 4, 5 and 6 are not only furnished in Gold Color, but also in Silver, Aluminum, Copper, or any other Bronze Color desired, at same prices as those given for Gold.

## MATERIALS FOR GILDING AND DECORATING - Cont'd.

A. SARTORIUS &amp; CO.'S

**Oriental Enamel,**

READY FOR USE.

FOR PAINTING FURNITURE, WICKERWARE, BASKETS,  
 GAS FIXTURES, FLOWER-POTS, TEA TRAYS, BABY  
 CARRIAGES, CHAIRS, BICYCLES, ETC.



Put up in  
TIN CANS.

With Patent  
Tops.

(Original Size of Small Cans.)

Furnished in the following Colors

**Black, Turquoise, White, Pink, Lavender, Yellow, Blue,  
 Maroon, Celeste, Ivory, Scarlet, Light Green.**

Any other color made to order.

Small size, per dozen Cans .....	\$3.00
Large " " " "	6.00
Price per gallon .....	4.00

## MATERIALS FOR GILDING AND DECORATING—Con'd.

Crescent Brand  Bronze Powders.*Fac-Simile of Bronze Label.*

## RUBBING BRONZE POWDERS.

USED FOR PAINTING, PRINTING, BRONZING CHANDELIERs, GILDING PICTURE FRAMES, BASKETS, STATUES, FRESCO-PAINTING, FOR BRONZING RADIATORS AND ARTICLES OF IRON, WOOD, &c. LUSTRA PAINTING ON SILK, SATIN, &c.

*In the following shades:*

Greengold	Lemon,	Light Copper,	Lilac,
Richgold,	Orange,	Dark Copper	Blue,
Gold Color,	Dark Orange,	Fire,	Green,
Pale Gold,	Chandelier Color,	Scarlet,	Bluegreen,
Deep Gold,	Flesh,	Crimson,	Brown,
Old Gold,	Salmon,	Violet,	Silver,

Or any other shade desired.

Put up in pound papers, ounce papers (16 ounces to lb.), or Tin Cans.

No.	10000	8000	6000	5000	4000	3000	2000	1000
Per lb.	\$1.50	1.25	1.00	0.90	0.80	0.70	0.65	0.60

Furnished in above shades.

No.	800	500	{	Furnished in Richgold and Palegold only.
Per lb.	\$0.55	0.50		

**MATERIALS FOR GILDING AND DECORATING—Cont'd.**  
**CRESCENT BRAND BRONZE POWDERS—Continued.**

## **EXTRA FINE RUBBING BRONZE POWDERS.**

*Used for the same purposes as Rubbing Bronze Powders and furnished in the same shades.*

Quality No. 0, price per pound .....	\$2.50
" No. 1, " " "	2.00
" No. 2, " " "	1.50
" No. 3, " " "	1.00

## **EXTRA BRILLIANT RUBBING BRONZE POWDERS.**

*Used for the same purpose as Rubbing Bronze Powders and furnished in the same shades.*

Quality No. 0, price per pound .....	\$3.00
" No. 1, " "	2.50
" No. 2, " "	1.75
" No. 3, " "	1.25

## **EXTRA BRILLIANT RADIATOR BRONZE POWDERS.**

*Used for bronzing Radiators and Steam Pipes. Furnished in Gold Color, Copper and Silver. (Aluminum is also used.—See below).*

Quality No. 1, price per pound .....	\$1.50
" No. 2, " " "	1.25
" No. 3, " " "	1.00
" No. 4, " " "	0.75

## SPECIALTIES.

	Per lb.
French Pale Gold Leaf Bronze, hand made, No. 0 . . . . .	\$4.00
"    "    "    "    "    "    No. 1 . . . . .	3.00
French Gold Bronze . . . . .	2.00
German Pale Gold Leaf Bronze, No. 1 . . . . .	3.00
"    "    "    "    "    No. 2 . . . . .	2.50
"    Copper Leaf Bronze . . . . .	2.50
Brilliant Silver Flora, No. 0 . . . . .	3.00
"    "    "    No. 1 . . . . .	2.50
"    "    "    No. 2 . . . . .	1.75
Genuine Silver Bronze . . . . .	36.00
Genuine Aluminium Bronze (unchangeable) . . . . .	2.50
Light and Dark Maroon Bronze, No. 1 . . . . .	2.00
"    "    "    "    "    No. 2 . . . . .	1.25
Black Bronze for mixing (Antique Bronzing) . . . . .	1.00
Genuine Gold Bronze (Greengold, Lightgold, Deepgold) . . . . .	Per dwt. 2.50

MATERIALS FOR GILDING AND DECORATING--Con'd.  
CRESCENT BRAND BRONZE POWDERS--Continued.

SPECIALTIES--Continued

**SPECIAL SUPERFINE COACH STRIPING BRONZE**

*Fac-Simile of Bronze Label.*



Price, per pound ..... \$3.00

If you want a cheaper Bronze Powder for the purpose of Striping Carriages, order Lining Bronze Powder, enumerated on page 11.

**SPECIAL SUPERFINE FRESCO GOLD BRONZE.**

*Fac-Simile of Bronze Label.*



Price per pound ..... \$3.00

MATERIALS FOR GILDING AND DECORATING—Con'd.  
CRESCENT BRAND BRONZE POWDERS—Continued.

**PATENT BRONZE POWDERS.**

*These Bronze Powders are colored by a different process from that employed with ordinary Bronze Powders, and the colors are such which cannot be had in ordinary Bronze Powders. Patent Bronze Powders are used for*

LUSTRA PAINTING, FANCY PAINTING, FANCY FRESCO DECORATIONS, SUCH AS PAINTING PEACOCKS FEATHERS, &c.

Price, per pound ..... \$1.50

IN THE FOLLOWING SHADES:

Ciel,	Azure Blue,	Light Blue,
Sapphire Blue,	Outremer,	Blue Gendarme,
Peacock Blue,	Bronze Antique,	Alusru, (a Purple)
Pompejan Red,	Amethyst,	Terra Cotta,
Rose Color,	Violet,	Pêche, (a dark Rose color)
Lilac,	Isly Green,	Grass Green,
Vert Azow,	Yellow Green,	Emeraude, (a dark Green)
Blue Green,	Celadon Green,	Pigeon, &c.

**LINING OR STRIPING BRONZE POWDERS.**

*These Bronzes are exceedingly fine, and are used for striping &c. on Wool, Iron and Tinware, also on Picture Frames. In the latter case they are burnished with Agate Burnishing Stones, which makes these Bronze Powders as brilliant as polished metal. (For Agate Burnishing Stones see pages 67, 68, 69 & 70.)*

**GREEN GOLD, RICH GOLD, PALE GOLD, DEEP GOLD, OLD GOLD.**  
QUALITIES

Extra Fine	No. 1	2	3	4
Per lb. \$3 00	2.50	2.00	1.50	1.00

**LEMON, ORANGE, FIRE, CRIMSON, BROWN.**

Price, per pound, \$1.50.

**FLESH, CHANDELIER COLOR, LIGHT AND DARK COPPER.**

Qualities:	No. 1	2	3	4
Price, per pound, \$2 50		2.00	1.50	1.00

**SILVER OR STEEL COLOR.**

Qualities:	No. 1	2	3	4
Price, per pound, \$2.50		2 00	1 50	1.00

## MATERIALS FOR GILDING AND DECORATING—Cont'd.

**METALLICS OR GENUINE BROCADES.**

Sartorius' Adhesive Metallic Medium is used for fastening them. See page 13.

*For Interior Decoration, Signs, Window Shades, Wall Paper, Buttons and Artificial Flowers. Also much used in Lustre Painting on Silk, &c.*

Gold.....	per pound	\$1.00
Copper.....	"	1.00
Silver .....	"	1.15

Straw Yellow,	Red Violet,	}
Old Gold,	Blue Violet,	
Lemon,	Light Blue,	
Orange,	Dark Blue,	
Light Rose,	Peacock Blue,	
Dark Rose,	Moss Green,	
Fire,	Grass Green	
Carmine,	Dark Green,	
Crimson,	Victoria Green.	
Fuchsien.	Steel Color,	
Brown,	Cashmere,	

Per Pound.... \$1.50

Embossed Gold .....	per pound	\$1.35
" Copper.....	"	1.35
" Silver.....	"	1.60
" Red, Blue, Green, Pink and Yellow..	"	2.00

**FLITTERS OR LEAF BROCADES.**

*Flitters are a substitute for Metallics. They are cheaper and lighter, therefore, with a pound of Flitters a greater space can be covered than with a pound of Metallics. They are not as brilliant as Metallics.*

**GREEN GOLD, RICH GOLD, PALE GOLD, DEEP GOLD, OLD GOLD,  
FINE OR COARSE.**

Price, per pound ..... \$0.60

Lemon,	Copper,	Violet,	Blue Green,
Orange	Fire,	Green,	Steel Blue,
Brown,	Crimson,	Yellow Green,	Cashmere,
Price, per pound, \$0.70.			
Price, per pound, \$0.90			

**SILVER.....** Price, per pound, \$0.90

**MATERIALS FOR GILDING AND DECORATING—Cont'd.****PEARL, FROSTING, &c.**

Aurora Pearl for Glass Signs, &c.....	per pound	\$2.50
"      large, for inlaying .....	"	5.00
Aurora Pearl Dust, fine.....	"	0.25
"      coarse.....	"	0.25
Snail Pearl.....	"	12.00
Snail Pearl, crushed .....	"	0.50
Mica Crystals for Glass Signs, &c.....	"	0.60
Diamond Dust.....	"	0.45
Steel Frosting .....	"	0.60
Black Frosting .....	"	0.60
White Frosting.....	"	0.40
Black Flock.....	"	0.75
Vermilion Flock.....	"	1.05
White     " and all other colors.....	"	0.85

**Sartorius' Adhesive Metallic Medium.**

FOR FASTENING METALLICS AND FLITTERS.

Price, per gallon.....	\$5.00
Price, per dozen bottles .....	3.00

**\*Crescent Brand Bronzing Liquid.**

USED FOR MIXING BRONZE POWDER TO GIVE IT THE CONSISTENCE OF PAINT.

First quality, per gallon .....	\$2.50
Second     "     " .....	2.00
Third     "     " .....	1.50

**Crescent Brand Bronze Protector.**

After an article is bronzed, a coat of this Protector can be painted over it. This Protector becomes perfectly hard and forms a transparent skin which protects the bronze from tarnishing and from getting damaged by water. Bronzed articles which are not sheltered from wind and rain must get a coat of Bronze Protector. This is also the proper article for varnishing Picture Frames. It is thinned with turpentine.

Price, per gallon.....	\$5.00
Price, per dozen bottles .....	3.00

**Liquid for Lustre Painting.**

THIS LIQUID IS ESPECIALLY ADAPTED FOR MIXING BRONZE POWDER FOR THE PURPOSE OF PAINTING ON SILK, SATIN, PLUSH, &c.

Price, per gallon.....\$5.00	Prize, per dozen bottles.....\$3.00
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\*To give Bronzing Liquid more body, i. e. to make it thicker, mix Bronze Protector into it.

## MATERIALS FOR GILDING AND DECORATING—Cont'd.

**A. SARTORIUS & CO.'S  
COLORED LACQUERS**  
(Alcohol Preparations).

Furnished in the following Colors;

*GREENGOLD, LIGHTGOLD,*

*LEMONGOLD, DEEPGOLD, ORANGE,*

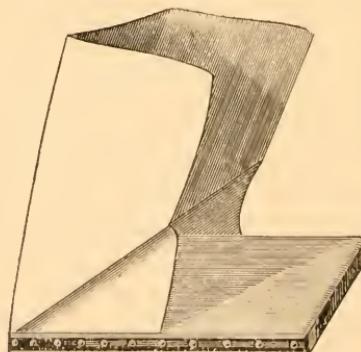
*CARMINE, CRIMSON, RED BROWN,*

*MAROON, BLUE, VIOLET, GRASSGREEN,*

*PEACOCK GREEN, BLACK.*

Price, per pint..... \$1.25

**GILDER'S CUSHIONS.**



No. 1. Size 5 $\frac{3}{8}$ x8 inches, fine quality, per dozen.....	\$9.50
" 2. " 6 x9 " " " "	11.50
" 3. " 6 x9 " extrafine "	15.00

## MATERIALS FOR GILDING AND DECORATING—Cont'd.

**GOLD, SILVER, ALUMINUM AND METAL LEAF.**Per Pack of  
500 leaves.

Genuine Gold Leaf, extra deep.....	\$....
"      "      "      usual.....	-----
Patent      "      "      for outside work.....	-----
Half Gold Leaf,          "      ".....	-----
Best Silver Leaf,      "      ".....	-----
Aluminum Leaf. Superior, small, 3½ inches square.....	-----
"      "      large, 4½ inches square.....	-----
"      "      extra large, 5½x5¾ inches.....	-----
Best Imitation Gold Leaf, Crescent Brand, small 3½ inches square.....	-----
"      "      "      large, 3½ inches square.....	-----
"      "      "      extra large, 4½ inches square.....	-----
"      "      "      double extra large, 5 inches square.....	-----
Oxydized Metal Leaf, 3½x4 inches.....	-----
Superior Green Elephant Leaf, selected, 3½x4 inches.....	\$....
Blue Elephant Leaf No. 3, 3½x4 inches.....	-----
Red Elephant Leaf No. 2, 3½x4 inches.....	-----
Finest Florence Leaf No. 4, 4x4½ inches.....	-----
"      "      No. 3, 4x4½ inches.....	-----
Dutch Metal Leaf, small, 3½x4 inches.....	-----
"      "      large, 4½x4½ inches.....	-----
"      "      extra large, 4¾x4¾ inches.....	-----
Finest White Metal Leaf (Imitation of Silver).....	-----
Finest Gold Schlag Metal.....	\$....
"      White Schlag Metal.....	-----

Prices subject to fluctuations.

**A. Sartorius & Co.'s Superior Gold Size.**

Superior French Oil Gold Size (Mixtion).....	per gallon \$5.00
"      "      ".....	per dozen bottles 3.00
Oil Gold Size, yellow body.....	per pound 0.90
Burnish Gold Size.....	" 0.60
Japan Gold Size, quick drying.....	per gallon 4.50
"      "      ".....	per dozen bottles 2.50
Gilders Fat Oil.....	per gallon 4.50
".....	per dozen bottles 2.50

NOTE.—For Gilders' Brushes see pages 190, 191.

For Gilders' Burnishers see page 67.

For Gilders' Knives see page 66.

## MATERIALS FOR CHINA AND GLASS PAINTING.

A. SARTORIUS &amp; CO.'S

## Vitrifiable Oil Colors for Overglaze China Painting.

For Painting  
on Glazed China,  
Tiles, Earthen-  
ware, etc.

PUT UP IN  
COLLAPSIBLE  
TUBES.



## BLACKS.

	Per Tube.
<i>Brunswick Black</i> .....	<del>\$0 35</del>
<i>Ivory Black</i> .....	14
<i>Outlining Black</i> .....	25

## BLUES.

* <i>Celestial Blue</i> .....	19
<i>Dark Blue</i> .....	14
<i>Deep Blue</i> .....	17
<i>Deep Ultramarine Blue</i> .....	24
<i>Delft Blue</i> .....	17
* <i>Lavender Blue</i> .....	14
<i>Old Blue</i> .....	17
* <i>Indian Blue</i> .....	24
<i>Royal Blue</i> .....	25
<i>Sky Blue</i> .....	17
* <i>Turquoise Blue</i> .....	24
<i>Victoria Blue</i> .....	14

## BROWNS.

<i>Bitumen Brown No. 3</i> .....	17
<i>Brown No. 4 or 17</i> .....	17
<i>Chestnut Brown</i> .....	17
<i>Deep Red Brown</i> .....	17
<i>Evans' Brown, for flower painting</i> .....	20
<i>Sepia Brown</i> .....	17
<i>Vandyke Brown</i> .....	17
<i>Yellow Brown</i> .....	17

## FLUXES.

<i>Flux</i> .....	14
<i>Special Soft Flux</i> .....	17

## GREENS.

<i>Apple Green</i> .....	14
* <i>Best Blue Green</i> .....	20
<i>Bronze Green</i> .....	24
<i>Brown Green No. 6</i> .....	17
* <i>Celadon</i> .....	17

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

## A. SARTORIUS &amp; CO.'S VITRIFIABLE OIL COLORS

Continued.

## GREENS—Continued.

	Per Tube.
* <i>Chrome Water Green</i> .....	<b>\$0 14</b>
* <i>Coalport Green</i> .....	<b>20</b>
* <i>Copper Water Green</i> .....	<b>14</b>
<i>Dark Green No. 7</i> .....	<b>17</b>
<i>Deep Blue Green</i> .....	<b>24</b>
<i>Deep Chrome Green</i> .....	<b>17</b>
<i>Delft Green</i> .....	<b>20</b>
<i>Duck Green</i> .....	<b>24</b>
<i>Emerald Green</i> .....	<b>17</b>
<i>Grass Green No. 5</i> .....	<b>17</b>
<i>Moss Green J</i> .....	<b>17</b>
<i>Moss Green V</i> .....	<b>17</b>
<i>Night Green</i> .....	<b>24</b>
<i>Olive Green</i> .....	<b>17</b>
* <i>Sap Green, dark</i> .....	<b>20</b>
* <i>Sap Green, light</i> .....	<b>20</b>
* <i>Turquoise Green</i> .....	<b>24</b>

## GREYS.

<i>Copenhagen Grey</i> .....	<b>20</b>
<i>Grey for Flesh</i> .....	<b>19</b>
<i>Grey for Flowers</i> .....	<b>19</b>
<i>Grey No. 1, light</i> .....	<b>17</b>
<i>Grey No. 2</i> .....	<b>17</b>
<i>Neutral Grey</i> .....	<b>17</b>
<i>Pearl Grey</i> .....	<b>17</b>
<i>Superior Gold Grey</i> .....	<b>20</b>
<i>Warm Grey</i> .....	<b>17</b>

## PINKS AND CARMINES.

<i>Carmine No. A, light</i> .....	<b>17</b>
<i>Carmine No. 1</i> .....	<b>17</b>
<i>Carmine No. 2</i> .....	<b>19</b>
<i>Carmine No. 3, deep</i> .....	<b>24</b>
<i>English Pink</i> .....	<b>25</b>
' <i>English Rose</i> .....	<b>25</b>
* <i>Pink for Grounds</i> .....	<b>25</b>
* <i>Rose Dubarry</i> .....	<b>35</b>
* <i>Rose Pompadour</i> .....	<b>29</b>
<i>Yellow Carmine</i> .....	<b>20</b>

## PURPLES AND VIOLETS.

<i>Deep Purple</i> .....	<b>43</b>
<i>Deep Violet of Gold</i> .....	<b>35</b>
<i>English Maroon</i> .....	<b>50</b>
* <i>Fusible Lilac</i> .....	<b>17</b>
* <i>Golden Lilac</i> .....	<b>25</b>
<i>Light Violet of Gold</i> .....	<b>29</b>
* <i>Mauve</i> .....	<b>29</b>
<i>Purple No. 2</i> .....	<b>35</b>
<i>Ruby Purple</i> .....	<b>59</b>
<i>Violet of Iron</i> .....	<b>17</b>

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

A. SARTORIUS & CO.'S VITRIFIABLE OIL COLORS  
CONTINUED.

## REDS AND FLESH TINTS.

<i>Capucine Red</i> .....	\$0 17
<i>Carmelite</i> .....	14
<i>Carnation No. 1</i> .....	17
<i>Carnation No. 2</i> .....	17
<i>Carnation No. 60</i> .....	20
<i>Fire Red</i> .....	20
<i>Flesh Tint</i> .....	20
<i>Orange Red</i> .....	19
<i>Pompadour Red</i> ( <i>for Flesh mixtures</i> ).....	20

## WHITE ENAMELS.

<i>Best English White Enamel</i> .....	20
<i>Relief White</i> ( <i>Aufsetzweiss</i> ).....	20

## YEOWLS.

<i>Albert's Yellow</i> .....	25
<i>Canary Yellow</i> .....	20
* <i>Chinese Yellow</i> .....	14
<i>Citron Yellow</i> .....	17
<i>Delft Yellow</i> .....	20
<i>Ivory Yellow</i> .....	17
<i>Jonquil Yellow</i> .....	14
* <i>Light Coffee</i> .....	14
* <i>Maize</i> .....	17
* <i>Old Ivory</i> .....	20
<i>Orange Yellow</i> .....	14
<i>Silver Yellow</i> .....	14
* <i>Trenton Ivory</i> .....	20
<i>Yellow, for mixing</i> .....	14
<i>Yellow Ochre</i> .....	17

\* NOTE! Colors marked \* are generally used for Grounding or Tinting. They can, however, also be used for Painting. All Colors can be used for Grounding or Tinting.

These colors are finely ground and mixed with pure Thick Oil, yet they have not the proper consistence for the brush, being too thick. They have to be thinned with Turpentine or Lavender Oil for painting, and with Tinting Oil for grounding or tinting. Colors with an Iron basis cannot be mixed with Colors with a Golden basis. Iron Colors are: The Browns, Greys, Blacks, Ochres, Reds, and Violet of Iron. Golden Colors are: The Carmines, Purples, and Violets of Gold. Tube Colors should be kept away from heat. A Horn Palette Knife should be used for Gold Colors and White Enamels.

## SAMPLE PLATES,

showing A. Sartorius & Co.'s Vitrifiable Oil Colors fired.....each \$3.00

## MATERIALS FOR CHINA AND GLASS PAINTING--Cont'd.

MUELLER & HENNIG'S  
**ROYAL DRESDEN CHINA OIL COLORS.**

FOR PAINTING  
ON

Glazed China, Tiles, Earthen-  
ware, &c.



In Tubes like Moist Oil

OR

Water Colors.

**BLACKS.**

Brunswick Black .....	(Braunschweigschwarz) .....	per Tube, \$0.70
Outlining " .....	(Schriftschwarz) .....	" 0.30

**BLUES.**

Banding Blue .....	(Ränderblau) .....	per Tube, \$0.25
Carmine " .....	(Carminblau) .....	" 0.65
Dark " .....	(Dunkelblau) .....	" 0.45
Delft " .....	(Delftblau) .....	" 0.25
Ethereal " .....	(Luftblau) .....	" 0.35
Light " .....	(Hellblau) .....	" 0.30
Turquoise " .....	(Türkisblau) .....	" 0.60

**BROWNS.**

Chestnut Brown .....	(Kastanienbraun) .....	per Tube, \$0.30
Chocolate " .....	(Chocoladenbraun) .....	" 0.30
Dark " .....	(Dunkelbraun) .....	" 0.25
Finishing " .....	(Ausarbeitungsbraun) .....	" 0.30
Sepia " .....	(Sepiabraun) .....	" 0.25
Yellow " .....	(Gelbbraun) .....	" 0.25

**GREENS.**

Black Green .....	(Schwarzgrün) .....	per Tube, \$0.30
Blue " dark .....	(Blaugrün, dunkel) .....	" 0.40
" " light .....	(" hell) .....	" 0.40
Brown " .....	(Braungrün) .....	" 0.30
Dark " .....	(Dunkelgrün) .....	" 0.30
Grass " .....	(Grasgrün) .....	" 0.30
Olive " .....	(Olivengrün) .....	" 0.30
Shading " .....	(Schattirgrün) .....	" 0.30
Turquoise " .....	(Türkisgrün) .....	" 0.60
Yellow " .....	(Gelbgrün) .....	" 0.30

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****Mueller & Hennig's Royal Dresden China Oil Colors—Cont'd.****GREYS.**

Grey for Flowers.....	(Grau für Blumen).....	per Tube,	\$0.30
" " Flesh.....	(" " Fleisch).....	"	0.30

**REDS.**

Brown Red.....	(Braunroth).....	per Tube,	\$0.25
Flesh " .....	(Fleischfarbe).....	"	0.25
Pompadour Red.....	(Pompadour).....	"	0.25
Superior Pompadour Red.....	(Pompadour 1. qual).....	"	0.35
Yellow Red.....	(Gelbroth).....	"	0.25

**PINKS AND PURPLES.**

Carmine.....	(Carmin).....	per Tube,	\$0.55
Carmine Purple.....	(Carminpurpur).....	"	0.70
Deep " .....	(Dunkelpurpur).....	"	0.75
Rose " .....	(Rosenpurpur).....	"	0.45
Rose.....	(Rosa) .....	"	0.40
Blue Violet.....	(Blauviolet).....	"	0.40
Deep " .....	(Violet, dunkel).....	"	0.75
Violet of Iron.....	(Violet von Eisen).....	"	0.25
Ruby Purple.....	(Rubin Purpur).....	"	0.75

**WHITE.**

Relief White.....	(Aufsetzweiss) .....	per Tube,	\$0.25
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**YELLOWS.**

Albert Yellow.....	(Albertgelb).....	per Tube,	\$0.40
Canary " .....	(Canariengelb).....	"	0.25
Egg " .....	(Eigelb).....	"	0.25
Ivory " .....	(Elfenbeingelb) .....	"	0.25
Lemon " .....	(Citronengelb) .....	"	0.25
Relief " .....	(Aufsetzgelb).....	"	0.25
Yellow Ochre.....	(Ochregelb).....	"	0.25

**FLUX.**

Flux.....	(Fluss).....	per Tube,	\$0.25
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**SAMPLE PLATES.**

Showing the Royal Dresden China Colors fired.....each \$4.00

NOTE.—These Colors are mixed, applied and fired the same as A. Sartorius & Co's Vitrifiable Oil Colors. See Directions on page 18.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

# A. Sartorius & Co.'s Vitro Moist Water Colors

for China Painting.

PUT UP IN

COLLAPSIBLE TUBES.



U. S. Patent Office

No. 26,082

Registered Feb. 19, 1895.

## BLACKS.

Brunswick Black.....		per Tube,	\$0.45
Ivory Black.....		"	0.14
Outlining Black.....		"	0.25

## BLUES.

Celestial Blue.....	per Tube,	\$0.19	Ethereal Blue.....	per Tube,	\$0.25
" Air Blue....	"	0.25	Extra Deep Azure Blue	"	0.16
Deep Blue.....	"	0.16	Old Blue.....	"	0.14
Deep Ultramarine Blue	"	0.23	Sky Blue.....	"	0.16
Delft Blue.....	"	0.19	Turquoise Blue.....	"	0.23

## BROWNS.

Brown 4 or 17.....	per Tube,	\$0.16	Evans' Brown.....	per Tube,	\$0.20
Chestnut Brown.....	"	0.16	(for flower painting.)		
Chocolate Brown....	"	0.16	Finishing Brown....	"	0.25
Deep Red Brown....	"	0.16	Sepia Brown.....	"	0.16
Yellow Brown.....	"	0.16			

## FLUXES.

Flux.....		per Tube,	\$0.14
Special Soft Flux.....		"	0.16

## GREENS.

Apple Green.....	per Tube,	\$0.14	Deep Chrome Green.	per Tube,	\$0.16
Best Blue Green.....	"	0.16	Delft Green.....	"	0.20
Brown Green No. 6..	"	0.16	Grass Green No. 5...	"	0.16
Celadon.....	"	0.16	Moss Green J.....	"	0.16
Chrome Water Green	"	0.14	Night Green.....	"	0.23
Coalport Green.....	"	0.20	Sap Green, dark....	"	0.20
Dark Green No. 7....	"	0.16	Sap Green, light....	"	0.20
Deep Blue Green....	"	0.23	Turquoise Green....	"	0.23

## GREYS.

Grey for Flesh.....	per Tube,	\$0.25	Pearl Grey No. 6....	per Tube,	\$0.16
Grey for Flowers....	"	0.25	Silver Grey.....	"	0.16
Neutral Grey.....	"	0.16	Warm Grey.....	"	0.16

MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.  
**A. SARTORIUS & CO.'S VITRO MOIST WATER COLORS  
 CONTINUED.**

**PINKS AND CARMINES.**

Carmine No. 1, light..	per Tube,	\$0.16	Japan Rose.....	per Tube,	\$0.23
Carmine No. 2, medium	"	0.19	Pink for Grounds ...	"	0.25
Carmine No. 3, dark..	"	0.23	Rose Pompadour....	"	0.28
English Pink.....	"	0.25	Sevres Rose.....	"	0.25
English Rose.....	"	0.25	Yellow Carmine....	"	0.20

**PURPLES AND VIOLETS.**

Deep Purple.....	per Tube,	\$0.42	Light Violet of Gold..	per Tube,	\$0.28
Deep Violet of Gold..	"	0.35	Ruby Purple.....	"	0.58
English Maroon.....	"	0.50	Violet of Iron.....	"	0.16
Golden Lilac.....	"	0.25			

**REDS.**

Capucine Red.....	per Tube,	\$0.16	Flesh Red.....	per Tube,	\$0.20
Carnation No. 1.....	"	0.16	Flesh Tint.....	"	0.20
Carnation No. 2.....	"	0.16	Pompadour Red....	"	0.20
Carnation No. 60....	"	0.20			

**WHITES.**

Best English White Enamel.....				per Tube,	\$0.20
Relief White (Aufsetz Weiss).....				"	0.20

**YELOWS.**

Alberts Yellow ....	per Tube,	\$0.30	Silver Yellow.....	per Tube,	\$0.14
Canary Yellow.....	"	0.16	Trenton Ivory.....	"	0.20
Delft Yellow.....	"	0.20	Yellow for Mixing...	"	0.14
Ivory Yellow.....	"	0.16	Yellow Ochre.....	"	0.16
Orange Yellow.....	"	0.14	Old Ivory.....	"	0.20

## **VITRO WATER GOLD**

**Put up on Glass Slabs in Paper Boxes. Water only, is the thinning medium.**

Use a Horn Palette Knife or if you use a Steel Palette Knife see that it is free from iron rust. Do not heat the Glass Slab. The Gold can easily be scraped off with the Palette Knife to be removed to the Ground Glass Slab. Add a little water and rub with the Palette Knife until dissolved. It dissolves much quicker than the Roman Gold. Mix thoroughly. The Gold dries rapidly after it is applied and it can easily be seen where the Gold has not been applied thick enough. These places can be touched up or the whole gold work can be painted over again with the Gold before firing, to avoid a second firing.

### **FLUXED VITRO WATER GOLD.**

**TO BE APPLIED ON THE WHITE SURFACE.**

Large Size.....	per Slab,	\$2.50
Small Size.....	"	1.00

For Instructions see page 23.

### **UNFLUXED VITRO WATER GOLD.**

**TO BE APPLIED OVER COLOR, THE COLOR  
 HAVING BEEN FIRED BEFORE THE  
 GOLD IS APPLIED.**

Large Size.....	per Slab,	\$2.50
Small Size.....	"	1.00

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****A. SARTORIUS & CO.'S VITRO MOIST WATER COLORS  
CONTINUED.****Vitro Moist Water Paste**  
**For Raised Gold. Water only is the Thinning Medium.**

Per Tube .....	\$0.20
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**VITRO MEDIUMS.**

Vitro Tinting Medium (slow drying) . per $\frac{1}{2}$ oz. bottle, 12c.; per 1 oz. bottle 0.20
Vitro Painting Medium (quick drying) " " 12c.; " " 0.20

**Vitro Sketching Ink.**

BLACK OR RED, AS MAY BE DESIRED.	IS INDELIBLE AND BURNS AWAY.
Per small bottle .....	\$0.25

**Soda Solution for Cleaning Brushes.**

Per large (2 oz.) bottle .....	\$0.10
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**Instructions how to mix and apply Vitro Moist Water Colors.**

These colors are manipulated the same way as Oil tube colors for China Painting, except in the use of Mediums. For tinting and laying in all large work, use the Tinting Medium and in such a quantity as to keep the color open as long as necessary. For painting small designs, such as small flower decorations and for all finishing, use the Painting Medium diluted with water. The Colors can also be used by thinning them with water only, but then they dry rather slowly. The addition of Painting Medium causes them to dry quickly. Use water only (no mediums) for thinning Best English White Enamel, Relief White, Paste for Raised Gold and Vitro Water Gold. All work must be thoroughly dried over heat before firing until the surface is quite dull.

The Vitro Moist Water Colors are subject to the same rules for mixing different colors as the Vitrifiable Oil Tube Colors. If Steel Palette Knives are used, they must be kept entirely *free from iron rust*. Use a ground glass slab as palette, squeeze a small quantity of color out of the tube, place it on the slab and mix thoroughly with the palette knife, adding a little tinting medium or painting medium and water as stated above. A combination of the two mediums can also be used. Vitro Moist Water Colors are fired Rose Color Heat. Brushes should be cleaned with water before they get hard. If this is overlooked, and the brushes have become hard, they can be softened quickly with a solution of common soda in water. They must afterwards be thoroughly cleaned in pure water, so that no soda will remain in the brush.

We are glad to state that we have now also succeeded in making the Vitro Moist Water Colors and the Mediums **ODORLESS**.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

**A. SARTORIUS & CO.'S  
SPECIAL OVERGLAZE POWDER COLORS (High Glaze),  
—FOR—  
Painting on China and Earthenware.**

Put up in Vials, Large Bottles and Extra Large Bottles.



ORIGINAL SIZES.

VIAL.

LARGE BOTTLE.

EXTRA LARGE BOTTLE.

*NOTE.—All Powder Colors for China Painting are furnished in vials, large bottles, and extra large bottles. Large bottles always cost five times as much as vials, and extra large bottles ten times as much as vials.*

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****SPECIAL OVERGLAZE COLORS—Continued.**

<b>BLACKS.</b>	<b>PER VIAL</b>	<b>GREYS.</b>	<b>PER VIAL</b>
Outlining Black.....	\$0.25	Copenhagen Grey.....	\$0.25
Superfine French Black.....	0.25	Grey for Flower Painting.....	0.25
		Mouse Grey.....	0.25
		Silver Grey.....	0.25
		Superior Gold Grey.....	0.25
<b>BLUES.</b>		<b>PINKS AND CARMINES.</b>	
Bavarian Blue.....	\$0.25	Berlin Pink.....	\$0.35
Celestial Air Blue.....	0.30	Berlin Rose.....	0.35
Deep Sky Blue.....	0.20	Deep Carmine.....	0.25
Delft Blue, very dark.....	0.30	English Pink.....	0.30
Ethereal Blue, light.....	0.25	English Rose.....	0.30
Imperial Blue.....	0.40	Old Rose.....	0.30
Old Blue.....	0.30	Pale Carmine.....	0.20
Persian Outremer.....	0.35	Pink for Grounds.....	0.30
Robbin's Egg Blue.....	0.30	Rose Du Barry.....	0.40
Royal Blue.....	0.30	Sevres Rose.....	0.30
Sevres Blue.....	0.25	Yellow Carmine.....	0.25
<b>BROWNS.</b>		<b>PURPLES AND VIOLETS.</b>	
Antique Brown.....	\$0.20	English Maroon.....	\$0.75
Brown No. 39.....	0.25	Golden Lilac.....	0.30
Café au lait.....	0.25	Golden Violet.....	0.50
Dixon's Brown.....	0.20	Royal Purple.....	0.60
Evans' Brown for Flower painting.....	0.20	Ruby Purple.....	0.75
Hair Brown.....	0.25		
Meissen Brown.....	0.20	<b>REDS.</b>	
Neutral Brown.....	0.20	Beef Blood (or Ox Blood).....	\$0.30
Oak Brown.....	0.20	Carnation No. 60.....	0.25
Orange Brown, dark.....	0.25	Flame Red.....	0.20
Orange Brown, light.....	0.20	Flesh Tint.....	0.25
Pompadour Brown.....	0.20	Ruby Red.....	0.30
Shammy.....	0.20		
Strong Chestnut Brown.....	0.25	<b>WHITE ENAMELS.</b>	
<b>FLUXES.</b>		Best English White Enamel.....	\$0.25
Flux.....	\$0.10	Hard White Enamel.....	0.25
Special Soft Flux.....	0.20	Relief White (Aufsetzweiss).....	0.20
<b>GREENS.</b>		White Enamel No. 1 (medium hard).....	0.15
Berlin Green.....	\$0.25	White Enamel No. 2 (soft).....	0.15
Best Blue Green.....	0.25		
Celeste, greenish.....	0.25	NOTE.—For Colored Relief Enamels and Gold Relief Enamels see page 36.	
Coalport Green.....	0.25		
Dark Bronze Green.....	0.25	<b>YELLOWS.</b>	
Delft Green.....	0.25	Amber Yellow.....	\$0.20
Malachite Green.....	0.35	Buff.....	0.25
Meissen Green.....	0.25	Canary Yellow.....	0.20
Moss Green.....	0.25	Citron Yellow.....	0.20
Nile Green.....	0.25	Delft Yellow.....	0.25
Olive Green No. 36.....	0.25	Egg Yellow.....	0.15
Russian Green.....	0.25	Genuine Albert's Yellow.....	0.20
Sap Green, dark.....	0.25	Glazed Doulton Tint.....	0.20
Sap Green, light.....	0.25	Golden Yellow.....	0.20
Sea Green, dark.....	0.25	Golden Rod Yellow.....	0.20
Sea Green, light.....	0.20	Mason's Best Orange.....	0.20
Turquoise Green, superior.....	0.30	Trenton Ivory.....	0.25
Yellow Moss Green.....	0.25		
Set of three Sample Plates, showing the above colors fired, per set.....	\$7.50		

Large bottles, containing as much as six vials, at five times the vial price.

Extra large bottles, containing as much as twelve vials, at ten times the vial price.

For sizes of vials, large bottles and extra large bottles see page 24.

For instructions how to lay grounds by dusting on dry Powder Colors see page 26.

## MATERIALS FOR CHINA AND GLASS PAINTING.—Cont'd.

**Instructions for mixing Powder Colors  
and how to dust on grounds.**

THE demand for powder colors, which have many advantages over ready mixed colors in tubes, increasing continually, we publish this list of "SELECTED SPECIAL OVERGLAZE COLORS IN POWDER" which, in addition to Hancock's Overglaze Colors in powder and the German and French Colors in powder in our Catalogue, gives the China painter a very large assortment to select from. Sample plates, showing these colors fired, we furnish to dealers at half the cost-price. One of the advantages in using powder colors is that, as only as much color as is needed at the time need be mixed, the mixture is always fresh and the artist using it knows exactly how much Fat Oil he added. If mixtures are made, the proportions of different powder colors can be weighed, consequently the same mixture can be made whenever wanted. If ready mixed colors are used to make mixtures, the artist goes by eyesight in taking the proportions. The probabilities are that the mixture is different every time. Another and very great advantage is that grounds can be dusted on with powder colors. The general impression is that this is very difficult, which is not the case. It is much easier than painting a wet ground and stippling it. For dusting on grounds the medium used is our English Grounding Oil. We furnish it in the Original State it is in after being boiled, and also Ready Prepared for use.—In the Original State it is much too thick for use, but we furnish it also so because some artists want it a little thicker and some a little thinner than others, and they can thin it to suit themselves. It is thinned with our Rectified Spirits of Turpentine. We mix it for our own use : Grounding Oil as we furnish it and Spirits of Turpentine in equal parts (half and half). To this mixture we add a little lamp black to give the oil a very light grey color, as it is much easier then to see whether the oil has been laid on evenly or not. The lamp-black burns away and does not affect the color. With the Grounding Oil so prepared paint over, with a flat Camelhair Grounding brush, the surface of the ware to be tinted. Then screw up a piece of cotton wool in a piece of very soft shammy skin.—With this pad now dab the oiled surface with even strokes until very little oil is left on the ware. The more oil is removed in this manner the less color the oil will hold and the lighter the tint will be after firing. See that this padded surface of oil, is even. Now dust on powder color with a piece of cotton wool, and remove superfluous color, which does not adhere to the oil, by dusting over the surface with a dry Camelhair brush. Our Camelhair brushes No. 12 and 13 on page 165 of our catalogue are good for this purpose. For painting, the powder colors are first mixed with Thick Oil to the consistence of tube colors, and then tinting oil or Spirits of Turpentine is added. Our powder colors (both Gouache and Special Overglaze Colors) are finely ground, ready for use.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

**JAMES HANCOCK & SON'S  
OVERGLAZE POWDER COLORS.**



Put up in Vials.

	PER VIAL		PER VIAL
BLUE, Azure.....	\$0.25	GREY, Pearl.....	\$0.25
" Deep Azure .....	0.25	IVORY .....	0.30
" for old Tile painting.....	0.25	LILAC, for Grounds, 1, 2 and 3..	0.30
BROWN, German.....	0.25	MAUVE, " and painting .....	0.30
" Golden .....	0.25	ORANGE, Light.....	0.25
" Chocolate .....	0.25	" Dark .....	0.25
" Brunswick .....	0.25	" Strong Deep.....	0.25
" Olive.....	0.25	" Opaque .....	0.25
" Vandyke.....	0.25	PINK, for Grounds.....	0.30
" Chestnut.....	0.25	PASTE, for Relief Gold.....	0.25
" Austrian .....	0.25	PURPLE, Royal.....	0.90
" Sepia.....	0.25	" Ordinary .....	0.60
BUFF, Nos. 1 and 2.....	0.25	RUBY D'OR.....	1.00
BLACK, Soft.....	0.30	ROSE, for Painting.....	0.30
" Grey.....	0.30	" Strong.....	0.50
" Deep.....	0.30	" Coral.....	0.50
CARMINE.....	0.30	" Dubarry .....	0.60
FAWN .....	0.25	RED .....	0.25
FLESH SHADOW .....	0.25	SALMON, 1 and 2 .....	0.30
" TINT, Nos. 1 and 2.....	0.25	SCARLET .....	0.25
FLUX, General.....	0.10	TURQUOISE, Outremer.....	1.00
GREEN, Celadon.....	0.30	" Swartzenburgh .....	1.00
" Emerald .....	0.30	VIOLET .....	0.30
" Blue .....	0.25	WHITE ENAMEL, Soft.....	0.25
" Celadon, for Grounds ..	0.30	" Medium.....	0.25
" Sevres .....	0.30	" Hard.....	0.25
" Roseleaf .....	0.30	WHITE SHADOW .....	0.25
" Gordon .....	0.30	YELLOW, Light .....	0.25
" Dover 1 and 2.....	0.30	" Persian .....	0.25
" Light Sevres.....	0.25	" hard .....	0.25
" Shading .....	0.25	" Opaque .....	0.25
<b>Fired Sample Slab, showing 30 principal colors.....</b>			<b>\$1.50</b>

For instructions how to mix and apply these colors see page 26.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

# GERMAN OVERGLAZE POWDER COLORS

## for Painting on China and Earthenware.

*Put up in Vials, Large Bottles and Extra Large Bottles.*

(See Illustration and Note on page 24.)

BLACKS.		GREYS.																																											
	PER VIAL		PER VIAL																																										
Brunswick Black.....	\$0.50	Grey for Flesh .....	\$0.25																																										
Outlining Black.....	0.25	Grey for Flowers.....	0.25																																										
BLUES.		REDS.																																											
Banding Blue.....	0.20	Brown Red .....	0.20																																										
Carmine Blue.....	0.50	Flesh Red.....	0.20																																										
Dark Blue.....	0.35	Pompadour Red .....	0.20																																										
Ethereal Blue.....	0.30	Superior Pompadour Red.....	0.30																																										
Light Blue.....	0.25	Yellow Red .....	0.20																																										
Turquoise Blue.....	0.40																																												
BROWNS.		PINKS AND PURPLES.																																											
Chestnut Brown.....	0.25	Carmine.....	0.40																																										
Chocolate Brown.....	0.25	Carmine Purple .....	0.50																																										
Dark Brown .....	0.20	Deep Purple.....	0.55																																										
Finishing Brown .....	0.25	Rose Purple.....	0.40																																										
Sepia Brown .....	0.20	Rose .....	0.35																																										
Yellow Brown .....	0.20	Ruby Purple .....	0.65																																										
GREENS.		Blue Violet.....	0.35	Blue Violet .....	0.35	Black Green.....	0.25	Deep Violet .....	0.65	Blue Green, dark.....	0.35			Blue Green, light.....	0.35	WHITE ENAMEL.		Brown Green.....	0.25			Dark Green .....	0.25	German Relief White (Aufsetz-		Grass Green.....	0.25	weiss) .....	0.20	Olive Green .....	0.25			Shading Green .....	0.25	YELLOWS.		Turquoise Green .....	0.40			Yellow Green .....	0.25	Albert's Yellow .....	0.35
Blue Violet.....	0.35	Blue Violet .....	0.35																																										
Black Green.....	0.25	Deep Violet .....	0.65																																										
Blue Green, dark.....	0.35																																												
Blue Green, light.....	0.35	WHITE ENAMEL.																																											
Brown Green.....	0.25																																												
Dark Green .....	0.25	German Relief White (Aufsetz-																																											
Grass Green.....	0.25	weiss) .....	0.20																																										
Olive Green .....	0.25																																												
Shading Green .....	0.25	YELLOWS.																																											
Turquoise Green .....	0.40																																												
Yellow Green .....	0.25	Albert's Yellow .....	0.35																																										

For Instructions how to mix and apply these colors see page 26.

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****FRENCH OVERGLAZE POWDER COLORS  
for Painting on China and Earthenware.**

PUT UP IN VIALS, LARGE BOTTLES AND EXTRA LARGE BOTTLES.

See Illustration and Note on page 24.

**BLACK.**

PER VIAL

Ivory Black .....	\$0.15
Raven Black.....	0.20

**BLUES.**

Celestial Blue.....	\$0.25
Dark Blue.....	0.15
Deep Blue.....	0.20
Deep Ultramarine Blue .....	0.30
Lavender Blue.....	0.15
Old Blue.....	0.20
Indian Blue.....	0.30
Sky Blue .....	0.20
Turquoise Blue .....	0.30
Victoria Blue.....	0.15

**BROWNS.**

Bitumen Brown No. 3.....	\$0.20
Brown No. 4 or 17 .....	0.20
Chestnut Brown.....	0.20
Deep Red Brown.....	0.20
Sepia Brown.....	0.20
Vandyke Brown.....	0.20
Yellow Brown.....	0.20

**FLUX.**

Flux .....	0.15
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**GREENS.**

Apple Green.....	\$0.15
Bronze Green.....	0.30
Brown Green No. 6.....	0.20
Celadon .....	0.20
Chrome Water Green.....	0.15
Copper Water Green.....	0.15
Dark Green No. 7.....	0.20
Deep Blue Green.....	0.30
Deep Chrome Green.....	0.20
Duck Green .....	0.30
Emerald Green .....	0.20
Grass Green No. 5.....	0.20
Moss Green J .....	0.20
Moss Green V.....	0.20
Night Green.....	0.30
Olive Green .....	0.20
Turquoise Green.....	0.30

**GREYS.**

PER VIAL

Grey No, 1, light.....	\$0.20
Grey No. 2 .....	0.20
Neutral Grey .....	0.20
Pearl Grey .....	0.20
Warm Grey.....	0.20

**PINKS AND CARMINES.**

Carmine No. A, light.....	\$0.20
Carmine No. 1.....	0.20
Carmine No. 2.....	0.25
Carmine No. 3, deep .....	0.30
Rose Pompadour.....	0.40

**PURPLES AND VIOLETS.**

Deep Purple.....	\$0.75
Deep Violet of Gold.....	0.65
Fusible Lilac .....	0.20
Light Violet of Gold.....	0.50
Mauve.....	0.40
Purple No. 2.....	0.65
Ruby Purple.....	0.85
Violet of Iron.....	0.20

**REDS AND FLESH TINTS.**

Capucine Red.....	\$0.20
Carmelite.....	0.15
Carnation No. 1.....	0.20
Carnation No. 2.....	0.20
Orange Red.....	0.25

**YELOWS.**

Chinese Yellow.....	\$0.15
Ivory Yellow.....	0.20
Jonquil Yellow.....	0.15
Light Coffee.....	0.15
Maize .....	0.20
Orange Yellow .....	0.15
Silver Yellow.....	0.15
Yellow, for mixing .....	0.15
Yellow Ochre.....	0.20

For Instructions how to mix and apply these colors see page 26.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

A. SARTORIUS & CO.'S  
SPECIALLY SELECTEDVitrifiable Glass Powder Colors  
for Decorating Opal and Window Glass.

Put up in Vials.

## BLACKS.

PRICE, PER VIAL

Stencilling Black .....	\$0.15
Soft " .....	0.18
T Superior " .....	0.25
Tracing " .....	0.18

## BLUES.

T Blue, for Staining .....	0.35
Dark Blue .....	0.20
Delft Blue .....	0.25
Light Blue .....	0.20
T Outremer Blue, No. 1 .....	0.75
" " 3 .....	0.25
T Ultramarine Blue .....	0.40
Waterloo " .....	0.20

## BROWNS.

Ancient Brown .....	0.15
T Dark " .....	0.20
Pompadour " .....	0.20
Red " .....	0.20
T Sepia " .....	0.20
Tracing " .....	0.15
Umber " .....	0.15
Yellow " .....	0.20

## CARMINES.

T Carmine, for Staining .....	0.70
" No. 1 .....	0.75
T " " 2 .....	0.65
" " 3 .....	0.40
" " 4 .....	0.20
T " Rose .....	0.60

## GREENS.

PRICE, PER VIAL

Apple Green .....	\$0.18
Blue " No. 1 .....	0.35
T " " 2 .....	0.35
" " " 4 .....	0.30
Bronze " .....	0.25
Chrome " .....	0.25
Chrome Yellow Green .....	0.20
Dark Green .....	0.25
Delft " .....	0.25
Grass " .....	0.25
Light " .....	0.25
Limoges " .....	0.25
Meissen " .....	0.25
T Olive " .....	0.25
Russian " .....	0.35
Water " .....	0.25

## GREYS.

Black Grey .....	0.20
Grey for Flesh .....	0.25
Pearl Grey .....	0.20
T Steel " .....	0.20

## PURPLES AND VIOLETS.

T Carmine Purple .....	0.70
T Ruby " .....	0.85
T Ruby Purple, for Staining .....	1.00
T Rose " .....	0.60
T Violet " .....	0.75
Violet of Iron .....	0.25

NOTICE.—Colors marked T are specially transparent.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

## VITRIFIABLE GLASS POWDER COLORS—Continued.

**REDS.**

	Price, per Vial.
Brick Red.....	\$0.25
Coral “ .....	0.18
Cardinal Red.....	0.25
Flesh “ .....	0.25
Pompadour Red.....	0.25
Red, for Flesh.....	0.25
T Special Red.....	0.25

**TURQUOISE.**

Green and Blue.	
Turquoise Blue.....	0.30
“ Green.....	0.30
Turquoise.....	

**WHITES.**

Best White Enamel.....	0.25
White Enamel, for Relief	
Ground .....	0.18
Obscuring White, for	
Matting.....	0.15
T Transparent White.....	0.25

**YEOWS.**

	Price, per Vial.
Albert's Yellow.....	\$0.25
Canary .....	0.25
Dark .....	0.18
Golden .....	0.30
Ivory .....	0.20
Lemon .....	0.15
Relief .....	0.18
T Silver .....	0.25
T Yellow Stain.....	0.20
T Orange .....	0.40

**FLUXES.**

Blue and Green Flux.....	0.18
Blue Flux .....	0.18
Carmine Flux.....	0.25
Carmine and Purple Flux	0.18
Extra soft Flux .....	0.20
General Glass Flux .....	0.15
Purple Flux.....	0.25

NOTICE.—Colors marked T are specially transparent.

**Instructions for the Use of Vitrifiable Glass Colors.**

These colors are used for decorating or painting on window or opal glass. They are mixed the same as China colors, viz.: with Turpentine and Fat Oil. In the place of Turpentine, rectified spirits of tar is often used. If used on window glass, most of these colors will be found to be already sufficiently fluxed to melt at the exact heat at which the glass itself begins to fuse on its surface, and if that heat is continued for a little, they will be thoroughly vitrified, and will be then as imperishable as the glass. Opal glass, of which lamp shades, vases &c. are made, is softer than window glass, and will melt at a lower degree of heat. Therefore, if the colors are used on opal glass, flux should be added to them, in order to obtain the above results and to bring out the colors in their full brilliancy. There are different kinds of fluxes employed in connection with these glass colors, and when fluxing purples, carmines, blues and greens, it is advisable to use the special fluxes made for these colors and enumerated above. Yellow and orange stain must never be fluxed. The transparent colors (marked T) are specially adapted for window glass decoration.

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.**

**A. SARTORIUS & CO.'S  
TRANSPARENT  
Relief Enamel Powder Colors  
for Decorating Crystal Glass.**

PUT UP IN VIALS, LARGE BOTTLES AND EXTRA LARGE BOTTLES.

(See Illustration and Note on page 24)

BLUES.		PURPLES AND VIOLETS.	
	PER VIAL		PER VIAL
Dark Blue.....	\$0.25	Carmine.....	\$0.50
Deep Ultramarine Blue .....	0.35	Carmine Purple.....	0.75
Neutral Blue .....	0.25	Light Violet.....	0.25
Pike Blue .....	0.30	Old Rose .....	0.25
Sky Blue .....	0.30	Purple .....	0.50
Turquoise Blue .....	0.25	Purple Violet.....	0.40
BROWNS.		Rose Purple .....	0.50
Dark Brown.....	\$0.30	Ruby.....	0.75
Light Brown.....	0.25		
Yellow Brown.....	0.30		
GREENS.		WHITES.	
Blue Green No. 1, light .....	\$0.25	Crystal Enamel No. 1, trans-	
Blue Green No. 2, dark .....	0.35	parent.....	\$0.15
Dark Green.....	0.35	Crystal Enamel No. 2, semi-	
Moss Green.....	0.30	transparent.....	0.15
New Green .....	0.25		
Olive Green .....	0.25		
Roseleaf Green .....	0.30		
Sap Green.....	0.25		
YELLOWS.		YELLOWS.	
		Citron Yellow .....	\$0.20
		Deep Orange of Gold.....	0.50
		Silver Yellow.....	0.25

**Instructions for the use of Transparent Relief Enamel Colors.**

These Enamel Colors are used on Crystal Glass only, and generally for Rococo designs in Relief and to represent Jewels.—Transparent Enamel Colors are mixed with Dresden Thick Oil and Turpentine. Care has to be taken that the Thick Oil is not used in excessive quantity. They are applied thickly, as Relief Colors should be applied, and are fired at as strong a heat as the Glass on which they are applied will stand.—To produce a lighter shade of any color, Crystal Enamel No. 1 is mixed into it.

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****A. SARTORIUS & CO.'S****GOUACHE POWDER COLORS,**

(also called MAT WAX or MAT OPAQUE COLORS)

FOR

**Royal Worcester Style of Decoration,**

on China, Earthenware and Glass.

FINELY GROUNDED, READY FOR USE.

**Put up in Vials, Large Bottles and Extra Large Bottles.**

(See Illustration and Note on page 24.)

	PER VIAL		PER VIAL
Black No. 1.....	\$0.30	Celeste Green.....	\$0.20
" " 2.....	0.20	Chrome Green.....	0.20
Celestial Blue.....	0.20	Emerald Green .....	0.25
Dark Blue.....	0.20	Florentine Green.....	0.20
Light Blue.....	0.20	Grass Green.....	0.20
Outremer Blue.....	0.40	Green 1.....	0.20
Paris Blue No. 1, very dark.....	0.50	Green 2.....	0.20
" " " 2.....	0.25	Moss Green.....	0.20
Turquoise Blue.....	0.20	Night Green.....	0.25
Ultramarine Blue.....	0.20	Nile Green.....	0.20
Brown No. 1.....	0.20	Olive Green No. 1.....	0.20
" " 2.....	0.20	" " " 2.....	0.20
Brunswick Brown.....	0.20	Roseleaf Green.....	0.25
Chestnut Brown.....	0.20	Russian Green No. 1, very dark.....	0.30
Chocolate Brown .....	0.20	" " " 2.....	0.20
Dark Brown No. 1.....	0.20	Shading Green.....	0.20
" " " 2.....	0.20	Turquoise Green.....	0.20
Paris Brown, very dark.....	0.20	Water Green .....	0.20
Sepia Brown.....	0.20	Yellow Green No. 1, very light.....	0.25
Yellow Brown No. 1.....	0.20	" " " 2.....	0.20
" " " 2.....	0.20	Gray .....	0.20
Celadon.....	0.20	Steel Grey.....	0.20
Fawn.....	0.20	Turtle Dove Grey.....	0.20
Apple Green.....	0.20	Ivory for Worcester Ground.....	0.20
Blue Green No. 1.....	0.40	Dry Old Ivory (half glazed).....	0.30
" " " 2.....	0.25	Jersey Cream.....	0.20
Bronze Green.....	0.20	Lavender.....	0.30

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

## GOUACHE POWDER COLORS—Continued.

	PER VIAL		PER VIAL
Maroon .....	\$0.75	Old Rose .....	\$0.25
Orange.....	0.20	Salmon .....	0.25
Pink.....	0.20	Terra Cotta .....	0.20
Strong Pink.....	0.30	Vellum.....	0.20
Deep Purple .....	0.50	Violet .....	0.50
Light Purple .....	0.30	Blue Violet .....	0.50
Best Red.....	0.20	Dark Violet .....	0.50
Chinese Red .....	0.20	White No. 1.....	0.25
Coral Red.....	0.25	White No. 2 .....	0.20
Light Red.....	0.20	Yellow .....	0.20
Pompadour Red .....	0.20	Dark Yellow .....	0.20
Regular Red .....	0.20	Golden Yellow .....	0.20
Flesh Color No. 1.....	0.20	Japanese Yellow .....	0.25
"      "      2.....	0.20	Lemon Yellow .....	0.20
Rose.....	0.25	Light Yellow .....	0.25
Rose Blush.....	0.25	Gouache Flux .....	0.20
		Gouache White Enamel .....	0.20

**A. SARTORIUS & CO.'S  
Royal Worcester Finish.**

**Prepared in Oil in Liquid Form.**

Price, per large pot.....	\$1.00
"      "      small " .....	0.60

**SAMPLE PLATES,**

*showing A. Sartorius & Co.'s Gouache Colors fired.  
Complete set of two plates showing all the Gouache Colors,*

per set.....	\$3.75
Single Plates.....	each, 2.00

*See Instructions for painting with Gouache Colors on next page.*

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MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

## Instructions for Painting with Gouache (Mat Opaque or Mat Wax) Colors.

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The colors are fired the same as Sartorius' Tube Colors (rose color heat) if used on China and Earthenware, and the same as glass colors if used on glass, but come out of the kiln with no glaze whatever, but a beautiful mat velvety appearance, in fact many of the Gouache Colors look, after they are fired, like unscoured Genuine Gold Bronzes. They are mixed the same as ordinary Powder Colors for Overglaze Painting. See instructions on page 26. Unlike other colors for China Painting if you want to produce a light tint with any of the Gouache Colors it is not done by putting a very thin coat on the ware, but by mixing Gouache White into the Gouache color and then putting on a coat of the usual thickness. White is used very frequently and Gouache Colors are employed in a similar way to Opaque Water Colors. Very beautiful effects are produced by tracing gold lines on the Gouache Colors.

A. Sartorius & Co.'s Gouache Colors are finely ground ready for use. All the Artist has to do is to mix the colors with the necessary Oils. The variety is now so large that almost any color or tint required can be found on the list. All the colors can, however, be mixed with each other, and no knowledge of the pigments is therefore required. These Colors cannot be overfired. If underfired, they may rub off, but there is no danger of this happening, as long as they get the regular Rose Color heat. Gouache flux is used as an additional safeguard. It causes the color to fuse more intensely with the glaze of the ware. As Gouache flux cannot cause the colors to come out glazed, no harm can be done by adding it, and, if adding it in excessive quantity, the only harm would be that the color gets a trifle lighter in tone. If other fluxes, such as are used in connection with **glazed** Overglaze Colors, are used in sufficient quantity with Gouache Colors, the latter will not come from the kiln mat, but glazed. If used in small proportion, the Gouache Colors will come out half-glazed (semi-glazed colors).

## MATERIALS FOR GILDING AND DECORATING—Cont'd.

A. SARTORIUS & CO.'S  
**Colored Relief Enamel Powder Colors,**  
 FOR  
 Decorating China, Earthenware and Glass.



Put up in Vials, Large Bottles and Extra Large Bottles.

BLACK.....	} Per Vial...\$0.15
Light BLUE.....	
Dark ".....	
Delft ".....	
BROWN.....	
Pompadour Brown.....	
Yellow Brown.....	
Chrome GREEN.....	
Dark ".....	
CELESTE.....	
PINK.....	
TURQUOISE.....	
Lemon YELLOW.....	
Orange ".....	

For White Relief Enamels see page 25.

## Gold Relief Enamel Colors.

COBALT BLUE.....	} Per Vial...\$0.20
BROWN GREEN.....	
SCARLET.....	
TURQUOISE.....	
WHITE.....	

### Instructions for Using Sartorius' Relief Enamel Colors.

These colors are used for painting flowers and other designs in high relief, also for making on the ware spots resembling pearls.—White Relief Enamel is often necessary to add points of light on the top of the finished work where it would have been impossible to leave the white China, as for instance, a point of light in an eye.

Relief Enamel Colors are mixed, the same as other Powder Colors for Overglaze Painting, with Turpentine and Fat Oil. The mixture, however, should be like a paste and pretty stiff. They can also be mixed with a mixture of Vitro Painting and Tinting Mediums (half and half).

If used on China and Earthenware they are fired the same as Sartorius' Tube Colors (rose color heat) and if used on glass the same as glass colors.

Gold Relief Enamel colors will stand on Gold, and are used for Relief Work on a gold surface, which has to be fired before applying the Enamel.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd

**A. SARTORIUS & CO.'S  
LIQUID LUSTRE COLORS,**

FOR

*Decorating China, Earthenware and Glass.*

Put up in Vials.

	PER VIAL.
BLUE .....	\$0 .50
BROWN .....	0 .25
Shammy BROWN .....	0 .20
Violet BROWN .....	0 .25
Yellow BROWN .....	0 .20
GOLD Bronze .....	0 .60
GREEN .....	0 .25
Dark Green I .....	0 .40
"    " II .....	0 .35
Yellow Green .....	0 .25
GREY .....	0 .25
Light GREY .....	0 .25
Pearl " .....	0 .20
Orange RED .....	0 .25
PLATINUM .....	0 .50
PURPLE .....	0 .50
ROSE .....	0 .50
SILVER .....	0 .50
VIOLET .....	0 .50
WHITE .....	0 .20
WEDGEWOOD GOLD LUSTRE .....	0 .60
YELLOW .....	0 .20
Golden Yellow .....	0 .20
Orange " .....	0 .25
Sulphur " .....	0 .25

## Instructions for the Use of Sartorius' Liquid Lustre Colors.

As their name implies, these colors are in liquid state and lustrous. They are ready for use the way they are furnished, and have, after being fired, the brilliancy of Liquid Bright Gold. If they get too thick, the Essence for Liquid Bright Gold is used to reduce them to their original state of thinness. Liquid Lustre Colors are used for producing lustrous effects of various tints, such as lustrous bands, grounds, &c. They are treated and fired the same as Liquid Bright Gold.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

A. SARTORIUS &amp; CO.'S

# Specially Selected Underglaze Powder Colors, FOR PAINTING ON THE BISCUIT.

	Price, per ounce		Price, per ounce
Best BLACK.....	\$0.30	MAROON.....	\$0.25
Stamping Black.....	0.25	MAUVE.....	0.30
Canton BLUE.....	0.45	MULBERRY.....	0.45
Delft     ".....	0.50	NEUTRAL TINT .....	0.25
Flowing     ".....	0.45	ORANGE.....	0.15
Forget-me-not Blue .....	0.70	PINK, No. 1.....	0.20
Mat Blue, No. 1.....	0.45	"     " 2.....	0.15
"     " 2.....	0.40	PURPLE.....	0.25
Mazarine Blue, No. 1 .....	0.75	Japanese RED .....	0.40
"     " 2.....	0.65	Persian     " .....	0.25
"     " 3.....	0.55	Red T.....	0.25
Persian     " .....	0.40	Scarlet Red.....	0.45
Ultramarine Blue .....	0.60	ROSE PINK.....	0.40
Chocolate BROWN.....	0.15	UNIQUE.....	0.25
Claret     " .....	0.15	VIOLET.....	0.25
Dark     " .....	0.15	WHITE, for mixing .....	0.10
Light     " .....	0.18	" for printing on colored body.....	0.60
CRIMSON .....	0.25	Dark YELLOW.....	0.35
DOVE COLOR.....	0.25	Regular     " .....	0.15
Dark GREEN, No. 1 .....	0.85	Silver     " .....	0.30
"     " 2.....	0.20	HARD GLAZE .....	0.10
French     " .....	0.25	SOFT     " .....	0.10
Light     " .....	0.25	SPECIAL     " .....	0.10
Sage     " .....	0.20		
Victoria     " .....	0.15		

## Instructions for the Use of Underglaze Colors.

*Underglaze Painting is done on the "biscuit" surface of the wares before the glaze on which they depend to bring out their rich depths is applied. The colors are mixed the same as powder colors for overglaze painting, with Turpentine and Fat Oil, and, after they are applied, the glaze is laid over them. The fire Underglaze Colors require a far greater than rose color heat and is known as "glost oven" or "glaze kiln" heat. They are specially prepared to stand the much greater degree of heat to which they must be subjected.*

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

A. SARTORIUS & CO.'S  
**Superior Liquid Bright Gold, Silver & Platinum**  
 FOR  
 DECORATING CHINA, EARTHENWARE AND GLASS.

PUT UP

IN VIALS.



Sartorius' Superior Liquid Bright Gold.....	per Vial	\$0.70
" " " " Silver .....	"	0.60
" " " " Platinum.....	"	0.40
Essence for thinning above Liquids.....	"	0.10
" " " " ..... per large Bottle		0.30

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**Instructions for the Use of Liquid Bright Gold, Silver and Platinum.**

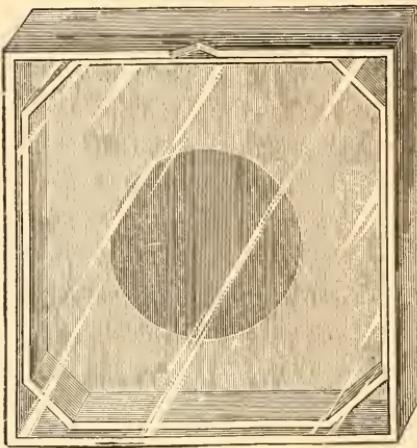
These preparations are liquids, ready for use, and put up in vials or bottles. The brush is simply dipped into them and the liquids applied on the ware in an even and pretty heavy coating. Be careful to use brushes that are not damp and have not been used before with colors, as this will cause the Liquid Gold to appear blackish after firing. These liquids come bright (ready burnished) out of the kiln. The Essence for Liquid Bright Gold is used in case the Gold, by standing on the palette for several days for example, becomes too thick and in order to reduce it to its original state of thinness. Much care must be taken, however, not to put in too much Essence, as if this done, instead of Gold a Violet will come out.

The Essence for thinning is also frequently used in connection with China Colors, in lieu of Turpentine and Lavender Oil.

Liquid Bright Gold, Silver and Platinum are fired regular (rose color) heat, and can be fired together with colors.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

**A. Sartorius & Co.'s Roman Gold, Silver & Genuine Gold Bronzes**  
 IN PASTE FORM  
 for Gilding on China and Earthenware



(REGULAR SIZE)

## on Glass Slabs, in Paper Boxes.

Mat Gold, fluxed, regular size.....	per box	\$0.80
" " " large size.....	"	2.00
Hard Gold, unfluxed, regular size.....	"	0.80
" " " large size .....	"	2.00
Mat Greengold, fluxed, regular size.....	"	0.80
" Redgold, fluxed, regular size.....	"	0.80
Silver, regular size.....	"	0.50
Genuine Gold Bronze, No. 9 (Red), regular size.....	"	0.80
" " " 10 (Green), " "	"	0.80
" " " 45 (Light Brown), regular size .....	"	0.80
" " " 47 (Dark Brown), " "	"	0.80

A. SARTORIUS & Co's Gold is prepared with the utmost care and excels on account of the large percentage of pure gold it contains, purity of color and the great ease with which it can be scoured with the glass brush or burnished with the burnishing tool. On account of the extreme pureness of this gold a very thin application of it is sufficient to produce a solid coat of gold after firing. It is made fluxed and unfluxed. The fluxed is called **Mat Gold**, and is for application on the white surface of ware, or over paste for raised gold. The unfluxed is called **Hard Gold**, and is for application over color, the color having to be fired before the gold is applied.

This Gold is put up in the form of a paste on a glass slab, which rests securely in the box. The Gold Paste needs only thinning with turpentine to be ready for use. Remove the Gold Paste with a palette knife to a ground glass slab or a white tile and mix it thoroughly with Rectified Spirits of Turpentine to the consistence of outlining color and apply with a clean brush. If the Gold Paste has hardened too much to be removed easily put a drop or two of turpentine on it and hold the slab over the flame of an alcohol lamp. The heat will soften the paste, which can then be easily removed with the palette knife.

Alcohol Lamps .....each \$0.35

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****Burnish Gold, Silver and Platinum,**

—AND—

**Genuine Gold Bronzes,**

—FOR—

**DECORATING CHINA, EARTHENWARE AND GLASS.****DRY IN POWDER.**

	Per Pennyweight (DWT.)
Best Prepared Burnish Gold, No. 1.....	\$1.75
Prepared Burnish Gold,      " 2..... } for China and	1.50
"      "      " 3..... } Earthenware	1.20
Best Prepared Burnish Gold for Glass.....	1.50
<i>These Prepared Burnish Golds are furnished in Regular Gold Color, Greengold and Redgold.</i>	
Best Unfluxed Gold (Chemically Pure Brown Gold).....	2.00
Unfluxed Gold, 2 quality.....	1.75
Pure Greengold Dust.....	2.00
Best Prepared Burnish Silver.....	0.30
" Prepared Burnish Platinum .....	2.00
Genuine Gold Bronze, No. 1.....	1.25
"      "      " 2.....	1.25
"      "      " 4.....	1.25
"      "      " 9 (Red).....	1.25
"      "      " 10 (Green).....	1.25
" Light Gold Bronze, No. 21.....	1.25
"      "      " 22.....	1.25
"      "      " 23.....	1.25
"      "      " 25.....	1.25
" Gold Bronze, No 45 (Light Brown).....	1.25
"      "      " 46 (Medium " ).....	1.25
"      "      " 47 (Dark " ).....	1.25
"      "      " 106, S. (Dark Brown) .....	1.35
"      "      " 111, S (Dark Olive Green).....	1.35
"      "      " 119, S. (Antique).....	1.35
"      "      " 140, S. (Light Olive Green) .....	1.35
<hr/>	
Gold Alloy.....	0.10
" Flux.....	0.10
Burnisher's Putty.....	per vial 0.20

**DUSTING GOLD.**

Green Gold.....	}	per dwt. \$3.00
Lemon Gold.....		
Red Gold.....		
Yellow Gold.....		

For Instructions how to use Powder Golds, Silver and Genuine Gold Bronzes see page 42.

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**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****INSTRUCTIONS**

FOR USING

**Burnish Gold, Silver, Platinum and Bronzes.**

Prepared Burnish Gold in powder is exceedingly fine as we furnish it, but it can be ground again in turpentine, with a clean glass muller on a clean glass slab, perfectly fine, indeed, it cannot be ground too much. Turpentine must be added, to replace that which evaporates during the grinding process. When finished, allow the turpentine to evaporate somewhat, and add rather more Dresden Thick Oil than is required for powder colors; just enough to allow the gold to work solidly, yet freely. It is then scraped up carefully, keeping in view the precious nature of the material, and put in a wide mouthed bottle, which can be well corked, using from it as required. It is now in the form of a brownish-black color, and should be about the consistence of well prepared Oil Colors.

Unfluxed Burnish Gold is mixed, the same as the Prepared Burnish Gold, with turpentine and fat oil. This gold is generally used for working gold over color.

Use brushes that have never been used for colors, and keep a special palette, muller, slab, and brushes for gold, to prevent waste from cleaning. In applying the gold to China, cover the ware with a thin but even coating. Putting on a thick coat is of no benefit, as it is opaque and the surface only is seen. It must be no wash, however, but a solid even coat. As the turpentine evaporates quickly from the gold in working, a little should be added frequently and the gold remixed; the pencil also requires frequent dipping in turpentine, to keep the hairs all free and open.

Gold is fired at rose color heat. After being fired it appears as a dull yellow color. If underfired, it will rub up under the burnishing tool; if over-fired it will be sunk into the surface of the china, and will not burnish at all. By scouring it with the glass brush Mat Gold is obtained. To make it assume the brilliant appearance generally connected with gold, the burnishing tool is used.—A superior Mat Gold is obtained by burnishing the gold and then firing it again.

Burnish Silver, Platinum and Genuine Gold Bronzes are mixed and applied in the same manner as Burnish Gold. Bronzes are principally used to produce antique metal effects. For this reason they are generally only scoured with the glass brush and not burnished with the burnishing stone.

The Genuine Gold Bronzes marked "S" must not be ground, as they are specially made to show tiny, sparkling particles of Gold after scouring, which effect cannot be produced if these Bronzes are ground on the Glas slab. Silver is a metal which is not as dense as Gold, and should, therefore, be laid on heavier than Gold, as it partly volatizes in firing. Platinum will, having once been fired and burnished, retain its brilliancy through repeated firings, in which respect it differs from Gold and Silver. Platinum has not as pure a Silver Color as the Silver, but is preferable, as it never tarnishes.

In using Dusting Gold, paint the surface that is to be gilded with Liquid Bright Gold (see page 40), on which the Dusting Gold is dusted. In this way the richest Gold effect is produced.

These preparations can be fired with colors, but Silver should not be too near any Carmine, as it would injure the latter.

**MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.****POWDER PASTE &c. FOR RAISED GOLD WORK.**

**Put up in Vials, Large Bottles and Extra Large Bottles.**

See Illustration and Note on page 24.

Hancock's Paste for Raised Gold.....	per vial	\$0.25
Softening Material for Paste (generally mixed with the Paste if applied on glass).....	"	0.25
Relief Paste for Liquid Bright Gold } can also be applied } .....	"	0.20
Relief White for Liquid Bright Gold } on glass. } .....	"	0.20

For Vitro Moist Water Paste see page 22.

**Instructions for the Use of Paste &c. for Raised Gold Work.**

The Paste for Raised Gold in powder is a yellow color, made to raise or model subjects on the ware, to be afterwards covered with gold, silver, platinum, bronzes &c.—The color being placed upon the palette (or glass slab), a small portion of Dresden Thick Oil is rubbed in with the palette knife; turpentine may now be added, and the whole re-mixed well.—It should be like a paste and pretty stiff. The brush must be dipped into turpentine and worked into the color. Use the color with the point of the brush. The impasting may be repeated until the modelled spot has reached the form or height desired, when after drying and firing, it will be found to have remained just as it was applied, and to be of a dead yellow surface. It is now ready for the application of the metal, which is applied to it as upon ordinary white glazed ware. Two firings are required; one for the paste, and another after the metal is applied.—The paste can be fired together with colors.

Relief Paste for Liquid Bright Gold is mixed and applied the same as the Paste for Relief Gold in Powder and is specially prepared for the application (after it is fired) of Liquid Bright Gold, Silver, Platinum and Lustres.

Relief White for Light Bright Gold is treated the same, and used for the same purpose as Relief Paste for Liquid Bright Gold. It appears white and glazed when it comes from the kiln. It is used in preference to Relief Paste for Liquid Bright Gold if it is desired to have the Liquid Bright Gold appear in its full brilliancy. This Relief White is also used for producing white glazed designs in Relief, which are afterwards shaded or painted with colors, or partly with colors and gold.

**GLASS COMPOSITION.**

Transparent Green	{	.....	Price, per ounce \$0.15
“ Yellow			
“ Blue			
“ Crystal			
Transparent Ruby	{	.....	" 0.20
Opaque White			

**Instructions for the Use of Glass Composition.**

Glass composition comes in lumps. It has to be crushed and sifted to obtain pieces (or dust) of equal size. The place on the ware, which it is desired to give a frosted or rough appearance, is then painted with fat oil and sprinkled with the crushed composition. The ware is then fired.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

**JEWELS.****Rubies, Sapphires, Emeralds, Topazes, Turquoises, Opals and Crystals.****Original Sizes.**

Price..... per dozen \$0.10

**CUT JEWELS OF THE SAME COLORS AND SIZES.**

Price..... per dozen \$0.20

Prices of larger sizes according to sizes of jewels.

Cement for fastening jewels..... per vial \$0.25

**Instructions for the Use of Jewels.**

Jewels are drops of glass composition with flat bottoms. They are all transparent with the exception of Turquoises, which are opaque.

As medium to fasten Jewels the Cement for Jewels is used.—This is a powder which is mixed with Turpentine and Dresden Thick Oil. A dot is made wherever you desire to place a jewel, and the jewel is placed on this dot. The ware is then fired.

If you want to insert jewels in raised Gold work, no Cement is needed. The jewel is placed on the paste for raised gold, pressed down in it and fired together with the paste. The gold is then put on the paste surrounding the jewel, at the same time all the gilding of the piece is done and the ware is then fired again.

Great care must be taken in firing jewels, as too much heat will cause them to flow and lose their shape. Jewels applied on the white surface of ware are, therefore, generally fired separately.

**CRYSTAL PEARL COVERING.**

Price, per ounce, \$0.20.

**Instructions for the Use of Crystal Pearl Covering.**

Crystal pearl covering is best described as ‘ sand made of crystal glass,’ or ‘ small round beads of crystal glass without holes.’—After an article is decorated and fired, a part, or all of the decoration on the piece can be painted over with Dresden Thick Oil and then sprinkled with the Crystal Pearl Covering. It is then fired again. The decoration covered with a coat of Crystal Pearl Covering has a rich, frosted appearance. A trial will soon convince you that beautiful effects can be produced.

**COLORED GLASS PEARLS.**

In the following shades:

BLACK,  
PINK,

BLUE,

PURPLE,

OPAL,

GREEN,

TURQUOISE,

YELLOW.

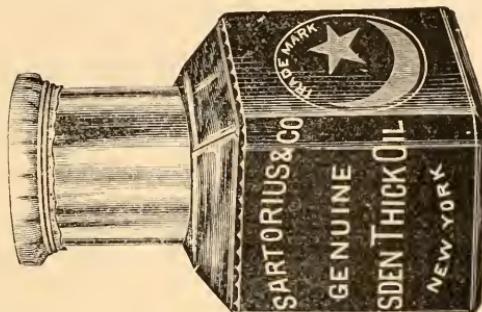
ORANGE

WHITE.

Price per ounce, \$0.30

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

FOR CHINA  
AND  
GLASS  
COLORS.



OILS  
AND  
Mediums.

	Per doz.	1 oz. bottles,	\$1.00
Rectified Turpentine.....	" 1 oz.	"	2.75
Fat Oil of Turpentine (Essence Grasse).....	" $\frac{1}{2}$ oz.	"	1.50
" " "	" 1 oz.	"	3.50
Genuine Dresden Thick Oil.....	" $\frac{1}{2}$ oz.	"	2.00
" " "	" 1 oz.	"	2.75
Oil of Lavender.....	" $\frac{1}{2}$ oz.	"	1.50
Oil of Cloves.....	" $\frac{1}{2}$ oz.	"	2.75
Aniseed Oil.....	" $\frac{1}{2}$ oz.	"	3.00
English rectified Spirits of Tar.....	" 1 oz.	"	2.00
Oil of Tar.....	" 1 oz.	"	2.50
Extra prepared Balsam of Copaiba.....	" 1 oz.	"	2.75
" " "	" $\frac{1}{2}$ oz.	"	1.50
Best English Grounding Oil in original state.....	" 1 oz.	"	3.00
" " "	" $\frac{1}{2}$ oz.	"	2.00
Mixed Best English Grounding Oil (properly thinned).....	" 2 oz.	"	3.75
Mixed Best English Grounding Oil (properly thinned).....	" 1 oz.	"	2.00
Tinting Oil, to thin colors for light grounds.....	" $\frac{1}{2}$ oz.	"	3.00

## HINTS FOR THE USE OF OILS AND MEDIUMS.

**English Grounding Oil.**—Used exclusively for dusting on powder colors. See instructions on page 26.

**Dresden Thick Oil and Fat Oil of Turpentine.**—Both are used for the same purposes, principally to mix powder colors in order to give them the consistence of prepared tube colors. Such a mixture is thinned with Rectified Spirits of Turpentine, or Lavender Oil, for painting, and with Tinting Oil for large washes and tinting.—Our Dresden Thick Oil is a very superior and thoroughly reliable Oil. There are several different brands, and consequently qualities, of Dresden Thick Oils and Fat Oils of Turpentine (Essences grasses) on the market. Pure Genuine Dresden Thick Oil has a clear, reddish color. Avoid Fat Oil of Turpentine which accumulates a white sediment on bottom of bottle.

**Oil of Tar.**—Use it with care. Do not mix colors for painting with it if you can avoid it, as this oil, if used in excessive quantity, causes colors to blister. Oil of Tar prevents colors from spreading or running. It is used when painting the side of a large article which cannot be laid flat on the table. It is, however, an excellent Oil for mixing Paste for Raised Gold.

**Tinting Oil** is used for thinning colors for painting light grounds which are afterwards stippled. If Sartorius' or Dresden tube colors are used for tinting grounds, no other oil than tinting oil are required. Dry Powder colors must be properly mixed with Dresden Thick Oil or Fat Oil before the tinting oil is added.

**Balsam of Copaiba.**—A medium which dries slowly and is used for keeping colors open. It is frequently used for laying in large washes.

**Oil of Lavender, Oil of Cloves, Aniseed Oil, Rectified Spirits of Turpentine** are used for thinning colors which are mixed with Thick or Fat Oil.

## MATERIALS FOR CHINA AND GLASS PAINTING—Con'd.

**A. SARTORIUS & CO.'S  
LIQUID PREPARATIONS FOR REMOVING GROUND.**

Liquid Ceramic Eraser.....	per bottle	\$0.30
Taking Out Oil.....	"	0 25
Tar Paste.....	"	0 25

**DIRECTIONS.**

*These preparations are used for taking out Ground for designs, and, as furnished by us, are ready for use. When the ground is laid and has become dry, cover the surface you want removed with either of the Erasing Liquids, using a clean brush. The color will almost instantly become soft, and is then wiped off with a soft cloth.*

**Inks, Pencils, Pens, &c,  
FOR DESIGNING AND MARKING ON CHINA.**

**A. SARTORIUS & CO.'S  
SPECIAL INDIA INK,  
FOR DESIGNING ON CHINA,**

per bottle.....	\$0.25
-----------------	--------

**DIRECTIONS.**

*Trace the pattern upon the China by means of Transfer Paper. Then go over it with this India Ink. Take a soft cloth wet with turpentine, and wash over the design.—This removes the gritty particles from the Transfer Paper, but does not affect the Ink. At first the China will be smeared all over with the Color from the Transfer Paper but continue, for after the Original Design is all wiped off, the design will appear in clear outline in India Ink alone.*

Blue Pencils for marking on China.....	per dozen, \$2.00
Gilding and Sketching Pens.....	" 0.50
Hancock's Sketching Ink, burns away completely.....	per bottle, 0.15

For Lemercier's Crayons see page 126.

" Transfer Papers " " 143.

" Tracing Papers " " 142.

" Lithographic Crayon Pencils see page 134.

**MATERIALS FOR CHINA AND GLASS PAINTING.—Cont'd.****A. SARTORIUS & CO.'S  
Cement for Mending China,**

per bottle.....	\$0.50
" vial.....	0.25

**DIRECTIONS.**

This Cement is a white powder, which is mixed with water to the consistence of a thick paste. Apply this paste to the broken edges of the ware, press them firmly together and let the article so cemented stand, until the cement has become dry, when the pieces will adhere to each other sufficiently well, to place the ware in the kiln for firing. Fire the same as decorated articles. Large articles are tied with Asbestos Cord.

**ASBESTOS CORD**

for Tying Cemented Articles for firing.

Price per yard.....	\$0.10
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**SELECTED SOFT CHAMOIS SKINS**

for making dabbers for dabbing oiled surfaces.

Per skin.....	\$0.15
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**FRENCH BURNISHING SAND FOR SCOURING GOLD.**

Per Bottle containing 2 oz. of Sand.....	\$0.15
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**DIRECTIONS.**

Take two saucers, put water in one and some sand in the other. Wrap two layers of cheesecloth around your forefinger, dip it in the water until thoroughly saturated then in the sand. Rub gently over the gold. Use plenty water, not much sand. Wash the article. When dry use Glass brush.

**INSTRUCTION BOOKS ON****CHINA AND GLASS PAINTING.**

"The Amateur Pottery and Glass Painter," by E. Campbell Hancock.....	per copy \$2.00
--	-----------------

A very superior book of instructions for painting with Dry Powder Colors on Pottery (over and under the glaze) and on Glass, and treating most thoroughly of the different processes and manipulations connected with the art of China and Glass decoration. The book contains excellent directions for gilding, chasing, burnishing, bronzing and groundlaying.

(For Hancock's Colors see page 27 of our Catalogue.)

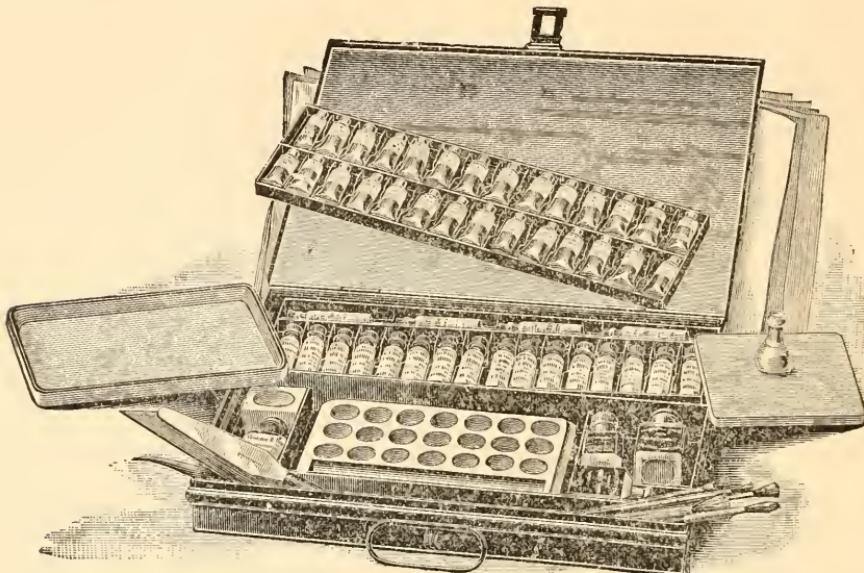
**Directions for Painting on China for Amateurs  
By August Klimke.**

A very good Instruction Book for Painting with Müller & Hennig's (Dresden) Colors. (For Müller & Hennig's Dresden Tube Colors see page 19 of our Catalogue, for German Powder Colors see page 28.

"Pottery Decoration under the Glaze," by Miss Louise McLaughlin.....	per copy \$1.00
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## MATERIALS FOR CHINA AND GLASS PAINTING--Cont'd.

# JAPANNED TIN BOXES, FOR COLORS AND MATERIALS FOR CHINA PAINTING.



No. I. 12½ inches long, 9¾ inches wide, 1⅓ inches deep.

Containing tray for A. Sartorius & Co.'s Vitrifiable Oil Color tubes.

Per empty box \$2.50

**Complete:** Containing 30 assorted tubes of A. Sartorius & Co.'s Vitrifiable Oil Colors. Colors according to your selection. 18 vials of Vitrifiable Powder Colors, assorted Colors from our catalogue according to your selection. 1 Box A. Sartorius & Co.'s Mat Roman Gold. 1 China Palette with 21 recesses, slant and cover: 1 Ground Glass Slab, 4x4 inches; 1 Glass Muller; 12 fine Camel Hair Pencils; 2 Fitch Hair Stipplers, 1 Grounding brush No. 2, 1 bottle rectified Turpentine, 1 bottle Fat Oil of Turpentine, 1 bottle Best English Grounding Oil, 1 bottle Royal Worcester Finish, 1 Horn Palette Knife, 1 Steel Palette Knife, 1 Curved Eraser, Transfer and Tracing Paper, Crayons, &c.

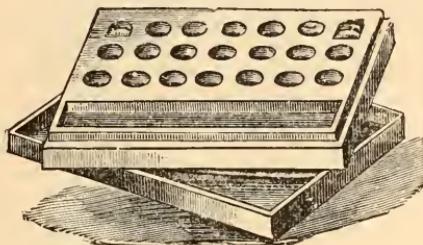
Per filled box.....\$16.50

No.'2, 11½x6 x1½ inches, divisions for 36 tubes, Oils, &c..	per empty box	\$1.25
" 3, 11 x6½x1½ "	" 16 "	" " " 1.50
" 4, 10 x8½x1½ "	" 24 "	" " " 2.00
" 5, 12¾x8½x1½ "	" 28 "	" " " 2.50
" 6, 11¼x8 x1½ "	" 12 "	" " " 1.65
" 7, 11¼x8 x1½ "	" 18 "	" " " 1.75
" 8, 11¼x8 x1½ "	" 36 "	" " " 2.00

**Note:** Boxes Nos. 2, 3, 4 and 5 are black japanned inside, Boxes Nos. 1, 6, 7 and 8 are white enamelled inside.

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd

## ARTISTS' CHINA PALETTES.



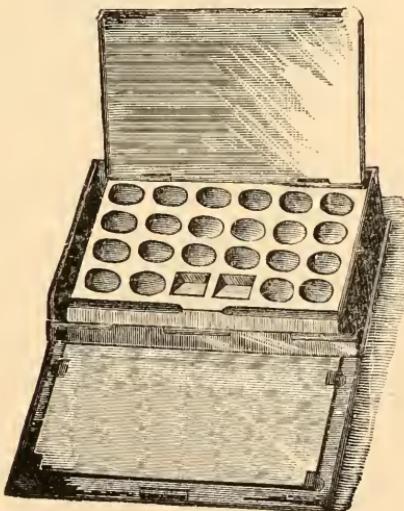
**Size 7x4½ in., 21 recesses, slant and cover.**

Per dozen ..... \$7.20

## ARTISTS' CHINA PALETTES.

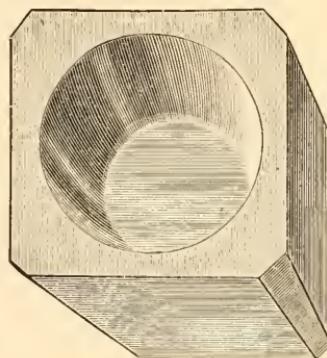
CHINA PALETTE  
IN  
TIN BOX.

GROUND GLASS  
SLAB ATTACHED  
TO THE LID OF  
THE BOX.



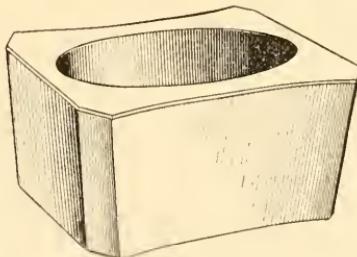
Small size (size of China' Palette, 4 x3½ inches).....	per piece, \$1.25
Medium size (" " " " 6½x4½ " ).....	" " 1.50
Large size (" " " " 7 x5¾ " ).....	" " 2.25

MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.  
**OPAL GLASS OIL CUPS.**



No. 1.

Per dozen.....	\$0.50
" gross.....	5.00

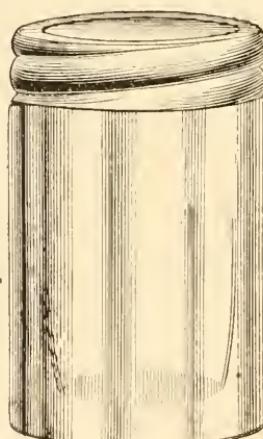


No. 2.

Per dozen.....	\$0.40
" gross.....	4.50

**Glass Jars with Metal Screw Tops.**

MADE OF  
CRYSTAL GLASS.



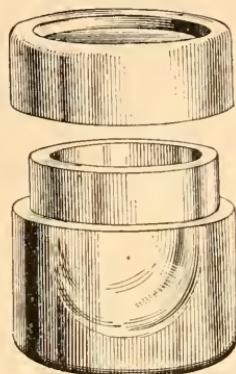
Very handy for  
Powder Colors,  
Powder Gold and  
Colors mixed with  
Oils.

Per dozen.....	\$0.75
" gross.....	8 00

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

**Vitro Glass Pots with Glass Lids.**

MADE OF CRYSTAL  
GLASS.



HANDY FOR MIXED  
COLORS.

KEEPS THE DUST OUT.

Per dozen.....	\$0.50
" gross .....	5.00

**Ground Glass Slabs and Glass Mullers.****Ground Glass Slabs (Extra thick).**

4 in.	6 in.	8 in.	10 in.	12 in.	16 in.	20 in.	24 in. square
\$0.15	0.25	0.45	0.75	1.00	2.00	4.00	6.00 per piece

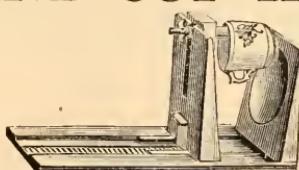
**GLASS MULLERS**

Made of Extra-hard Crystal Glass.

(Avoid using Soft Glass Mullers when grinding Gold. Soft Glass contains a large percentage of Lead.)

Sizes.	¾ in.	⅔ in.	1 in.	1¼ in.	1½ in. in diameter
Each.	10c.	12c.	14c.	16c.	18c.

Large Sizes, from 1¾ to 6 inches in diameter.....per pound, \$0.60

**VASE AND CUP HOLDERS.**

Can be adjusted to the size of the article to be decorated.

Per piece.....	\$3.00
----------------	--------

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

**Special Articles for Mineral Decoration.****Superfine, Round China Plaques,****Selected First Choice.**

Sizes	6 $\frac{3}{8}$ in.	7 $\frac{1}{8}$ in.	8 in.	8 $\frac{3}{4}$ in.	10 $\frac{1}{4}$ in.	11 $\frac{3}{4}$ in.	13 $\frac{5}{8}$ in.	in diameter.
Each	40c.	45c.	70c.	85c.	\$1.35	\$2.15	\$3.40	

**Superfine Oblong China Slabs,****Selected First Choice.**

1 $\frac{1}{4}$ x 1 $\frac{1}{2}$ .....	each, \$0.10
1 $\frac{3}{4}$ x 2 $\frac{1}{4}$ .....	" 0.20
2 $\frac{1}{8}$ x 3 .....	" 0.30
2 $\frac{1}{4}$ x 3 $\frac{1}{2}$ .....	" 0.40
2 $\frac{3}{4}$ x 4 .....	" 0.50
3 $\frac{1}{2}$ x 4 $\frac{3}{4}$ .....	" 0.70
3 $\frac{3}{4}$ x 4 $\frac{7}{8}$ .....	" 0.80
4 $\frac{1}{2}$ x 6 .....	" 1.00
4 $\frac{5}{8}$ x 6 $\frac{1}{4}$ .....	" 1.25
5 $\frac{3}{4}$ x 8 .....	" 1.60
7 $\frac{1}{4}$ x 9 $\frac{7}{8}$ .....	" 2.25
8 x11 $\frac{1}{8}$ .....	" 3.00
9 $\frac{1}{8}$ x13 $\frac{5}{8}$ .....	" 6.00

**Superfine Convex Oval China Medallions****Selected First Choice.**

3 $\frac{3}{4}$ x11 $\frac{1}{8}$ .....	each, \$0.05
1 $\frac{1}{4}$ x1 $\frac{1}{8}$ .....	" 0.10
1 $\frac{5}{8}$ x2 .....	" 0.15
2 $\frac{1}{8}$ x2 $\frac{5}{8}$ .....	" 0.20
2 $\frac{1}{2}$ x3 $\frac{1}{4}$ .....	" 0.25
2 $\frac{7}{8}$ x3 $\frac{3}{4}$ .....	" 0.35
3 $\frac{1}{4}$ x4 $\frac{1}{8}$ .....	" 0.50
3 $\frac{5}{8}$ x4 $\frac{5}{8}$ .....	" 0.60
4 x5 $\frac{1}{8}$ .....	" 0.75
4 $\frac{1}{2}$ x6 $\frac{1}{8}$ .....	" 1.00

**Superfine Convex Round China Medallions,****Selected First Choice.**

1 inch in diameter.....	each, \$0.05
1 $\frac{1}{2}$ " " "	" 0.10
1 $\frac{3}{4}$ " " "	" 0.15
2 " " "	" 0.20

## MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd.

SPECIAL ARTICLES FOR MINERAL DECORATION  
CONTINUED.

# Extrafine Selected Dresden Faience Slabs

**Glazed on both sides.**

## SQUARE:

$5\frac{7}{8} \times 5\frac{7}{8}$ inches.....	each, \$0.40
$6\frac{7}{8} \times 6\frac{7}{8}$ " .....	" 0.55
$7\frac{7}{8} \times 7\frac{7}{8}$ " .....	" 0.70
$9\frac{7}{8} \times 9\frac{7}{8}$ " .....	" 1.10
$11\frac{7}{8} \times 11\frac{7}{8}$ " .....	" 1.55

OBLONG:

**OBLONG.**

$6\frac{3}{8} \times 10\frac{1}{4}$ inches.....	each, \$0.70
$8 \times 12\frac{3}{4}$ " "	" 1.10

## ROUND:

6 $\frac{7}{8}$ inches in diameter.....	each, \$0.20
7 $\frac{3}{4}$ " "	" 0.25
9 $\frac{1}{8}$ " "	" 0.30
9 $\frac{3}{4}$ " "	" 0.40
10 $\frac{3}{4}$ " "	" 0.55
11 $\frac{3}{4}$ " "	" 0.70

**OVAL:**

6 inches wide, 8 inches long.....	each, \$0.25
7½ " " 9¾ " "	" 0.45
8¾ " " 11¾ " "	" 0.60

# DRESDEN FAIENCE PHOTOGRAPH FRAMES

## **WITH FAIENCE EASEL BACK.**

Photograph Frames for Imperial Size Photographs..... each, \$1.75  
 " " for two Cabinet Size Photographs..... " 1.25  
 " " " one " " " " 0.75

## CHINA SLEEVE BUTTONS.

	Small.	Medium.	Large.
Round, per pair.....	\$0.10	\$0.15	\$0.20
Oval, " .....	—	0.15	—
Square, " .....	—	0.15	—
Diagonal, " .....	—	0.15	—

## WHITE TILES.

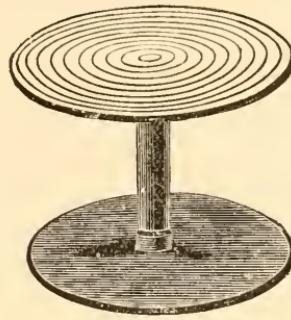
**Glazed on one side.**

6 inches square.....each, \$0.20  
8 " " " 0.45

These Tiles are also often used as Mixing Slabs, especially for Gold.

MATERIALS FOR CHINA AND GLASS PAINTING.—Con'd

## BANDING ⋆ WHEELS.



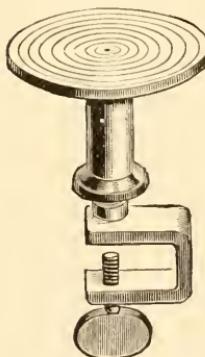
No. 1.

Steel Disk, 9 in. diameter.....per piece \$7.50



No. 2.

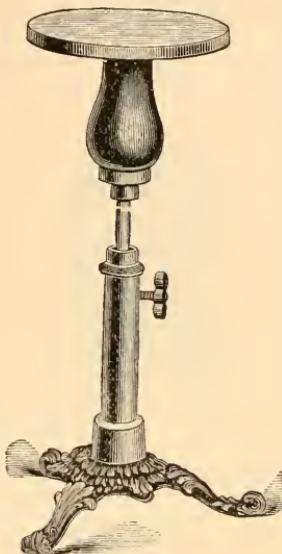
Hard Wood Disk, 6 $\frac{3}{4}$  in. diameter.....per piece \$5.25



No. 3.

All Steel. Disk, 6 in. diameter.....per piece \$8.00

MATERIALS FOR CHINA AND GLASS PAINTING—Cont'd  
BANDING WHEELS—Continued.

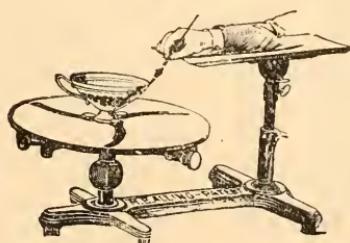


No. 4.

Heavy Metal-Brass Disk, 8½ inch. Diam., 24 inches high  
and can be raised to 36 inches.....each, \$13.50

*Alling's Banding Wheels*  
SELF-CENTERING.

WITH PATENT ATTACHMENT HOLDING WARE IN PLACE, AND  
ARM-REST.



Nickel Plated Wheel.....each \$12.00  
Japanned Wheel..... " 10.00

## MATERIALS FOR CHINA AND GLASS PAINTING—Con'd.

**Wilke's Studio Gas Kiln.**

FOR FIRING DECORATED CHINA, EARTHENWARE AND GLASS.



Made in six sizes, viz:—

No. 1 size of Muffle 12 inches high by 10, weight 100 lbs.....	each \$20.00
No. 2 " " 14 " " 12, " 150 lbs.....	" 25.00
No. 3 " " 18 " " 14, " 300 lbs.....	" 35.00
No. 4 " " 19 " " 15, " 400 lbs.....	" 45.00
No. 5 " " 20 " " 18, " 500 lbs.....	" 75.00
No. 6 " " 26 " " 20, " 800 lbs.....	" 125.00

A  $\frac{3}{4}$  inch Supply Pipe, a  $\frac{3}{4}$  inch Valve, and a 5-light Meter is ample for any of above sizes, excepting No. 6.

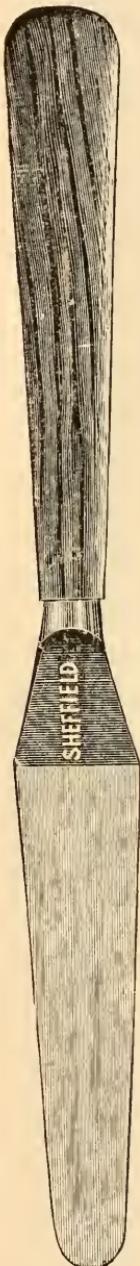
Kiln equipped for burning gasoline at an advance on above prices of \$5.00  
This Apparatus can be attached to any of Wilke's Gas Kilns.

Directions for setting up and firing furnished with each Kiln.

**STILTS, SPURS AND BARS.**

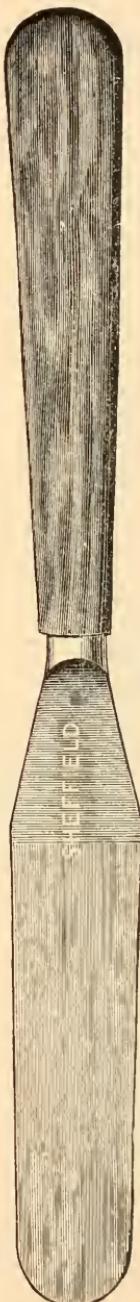
Stilts, No. 1 .....	per dozen	\$0.10
"    "    2 .....	"	0.15
"    "    3 .....	"	0.20
"    "    4 .....	"	0.25
Spurs, " 1 .....	"	0.08
"    "    2 .....	"	0.10
Triangular Bars, No. 1 .....	"	0.08
"    "    2 .....	"	0.10

## ARTISTS' CUTLERY AND SUNDRY TOOLS.

BEST QUALITY ARTISTS' ENGLISH STEEL PALETTE KNIVES.  
COCOA HANDLE.

3 Inch Blade. Original Size.

Length of Blade	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.
Per Dozen	\$3.00	3.00	3.25	3.50	4.00	5.50

BEST QUALITY PAINTERS' ENGLISH STEEL PALETTE KNIVES.  
PLAIN HANDLE.

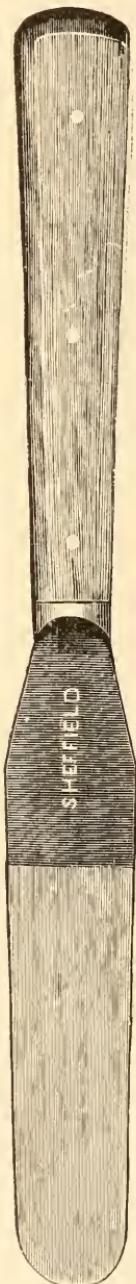
3 Inch Blade. Original Size.

Length of Blade	3 in.	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	11 in.	12 in.
Per Dozen	\$2.25	2.25	2.75	3.25	4.75	5.75	7.50	9.25	13.00	16.00

## ARTISTS' CUTLERY AND SUNDRY TOOLS.—Continued.

## BEST QUALITY PAINTERS' ENGLISH STEEL PALETTE KNIVES.

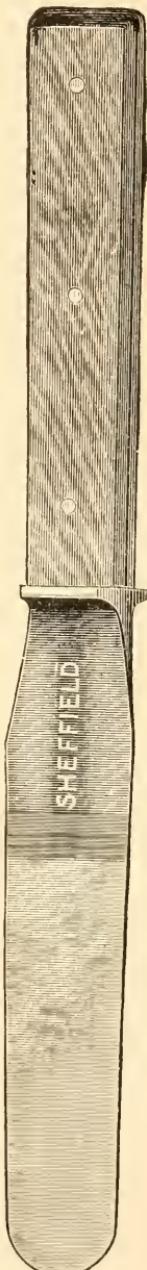
## RIVETED HANDLE.



3 Inch Blade, Original Size.

Length of Blade	3 in.	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	11 in.	12 in.
Price per Dozen	\$2.50	2.50	3.00	4.00	5.00	6.00	8.00	10.00	14.00	16.50

## RIVETED HANDLE, HIGH BALANCE.



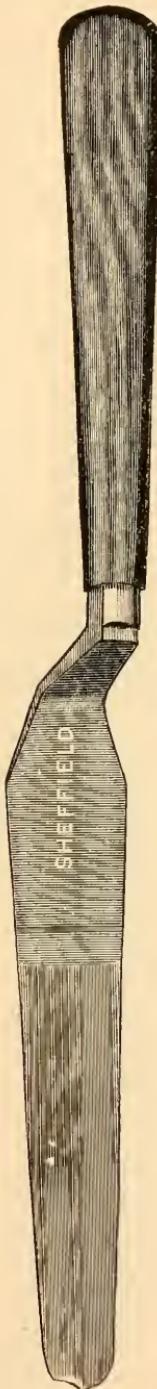
3 Inch Blade, Original Size.

Length of Blade	3 in.	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	11 in.	12 in.
Price per Dozen	\$3.25	3.25	4.00	4.75	6.00	7.50	9.00	12.00	15.00	17.50

## ARTISTS' CUTLERY AND SUNDRY TOOLS.—Continued.

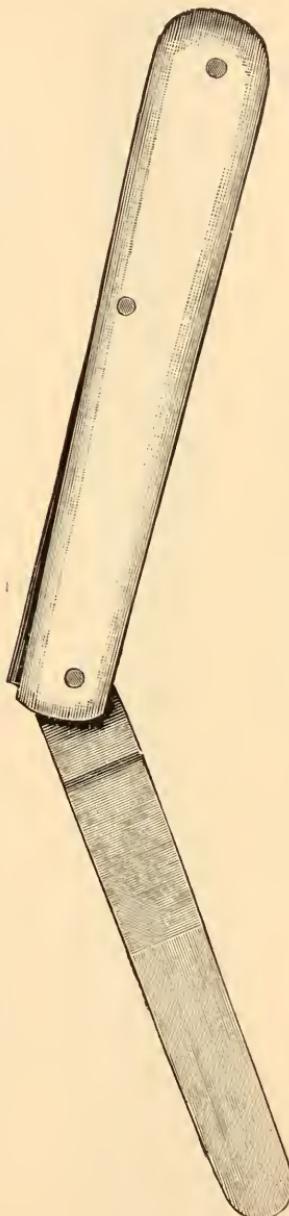
## BEST QUALITY ARTISTS' ENGLISH STEEL PALETTE KNIVES.

Cocoa Handle, Trowel Shape.

3 $\frac{1}{2}$  Inch Blade, Original Size.

Length of Blade	3 $\frac{1}{2}$ in.	4 in.	4 $\frac{1}{2}$ in.	5 in.	6 in.
Per Dozen	\$5.50	5.50	5.75	5.75	6.50

## Best Quality Artists' English Steel Pocket Palette Knives.

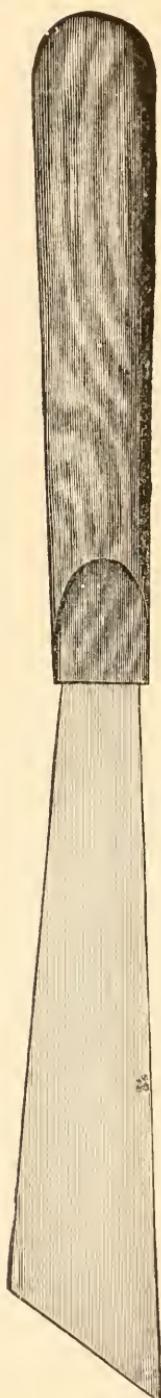


Original Size.

Ivory Handle.....per doz. \$12.50 | Pearl Handle.....per doz. \$17.50

ARTISTS' FINE STEEL PALETTE KNIVES.

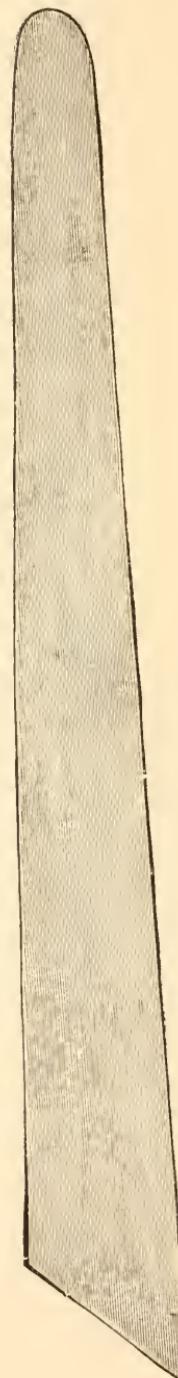
German Shape, Cocoa Hande



**3½ inch Blade, Original Size.**

Length of Blade	3 in.	$3\frac{1}{2}$ in.	4 in.
Per Dozen	\$4.25	475	5.50

German Shape. All Steel.



Original Size.

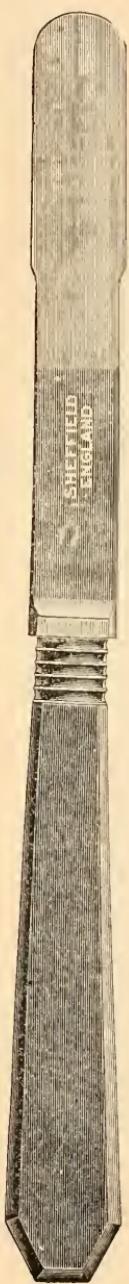
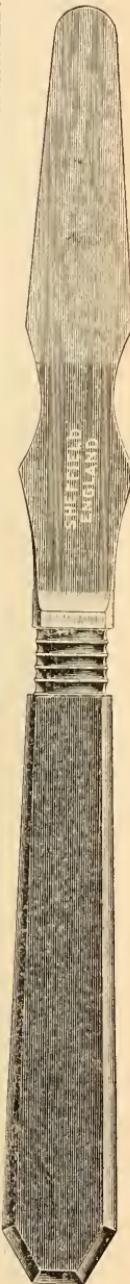
Per dozen \$83.50

## ARTISTS' CUTLERY AND SUNDRY TOOLS.—Continued.

BEST QUALITY ARTISTS' ENGLISH STEEL PALETTE KNIVES.

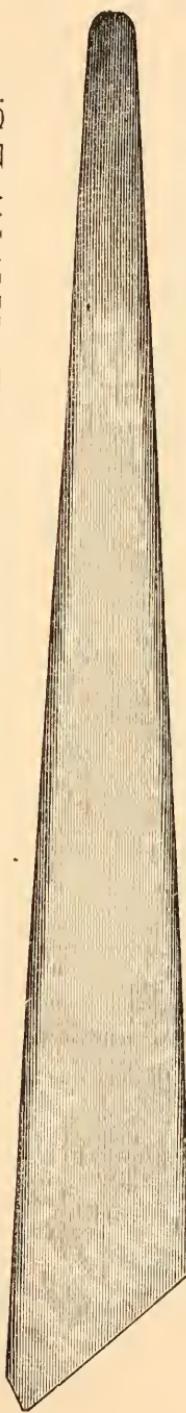
WORCESTER STYLE.

SET IN SOLID EBONY HANDLE, SECURED WITH METAL RING. HIGHEST QUALITY STEEL BLADE. BALANCED.



Narrow or Broad Point..... per dozen, \$5.00

A R T I S T S ' F I N E H O R N P A L E T T E K N I V E S .



7 inches Original Size.

Length	4 in.	5 in.	6 in.	7 in.
Per Dozen	\$1.00	1.20	1.75	2.50

## ARTISTS' CUTLERY AND SUNDRY TOOLS.—Continued.

## ARTISTS' STEEL COLOR ERASING PINS.



Original Size

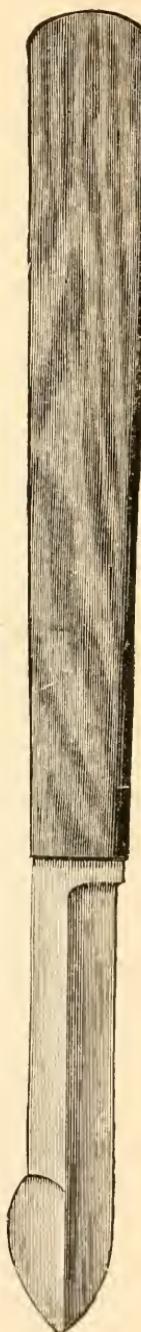
Polished wood handle, brass ferrule ..... per dozen \$2 25

## COMBINATION STEEL COLOR ERASER AND ERASING PIN.



Per dozen ..... \$6 00

## ERASING KNIVES.



Original Size.

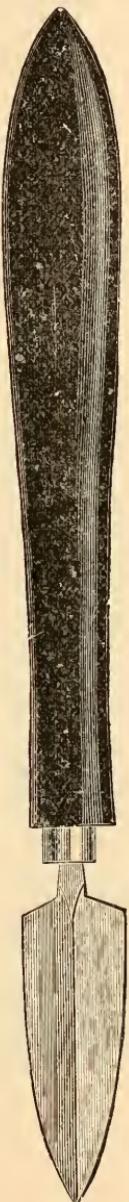
Per dozen ..... \$4 50

## ARTISTS' CUTLERY AND SUNDRY TOOLS—Continued.

## ARTISTS' FINE STEEL COLOR ERASERS.



*Curved, Polished Wood Handle* ..... per dozen, \$4.00  
Original Size.



*Lance-shaped, Ebony Handle* ..... per dozen, \$4.00  
Original Size.



*Straight, Polished Wood Handle* ..... per dozen, \$4.00  
Original Size.

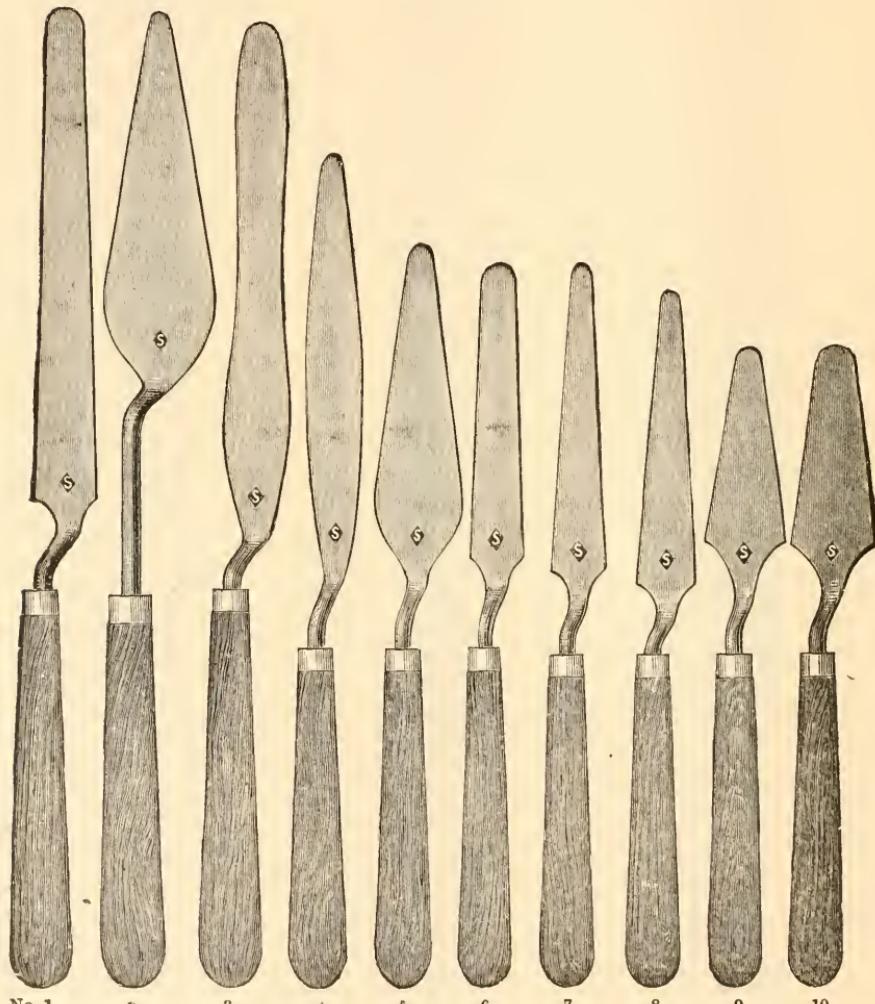
ARTISTS' CUTLERY AND SUNDRY TOOLS—Continued.

BEST QUALITY

**ARTISTS' ENGLISH STEEL PAINTING KNIVES.**

*Cocoa Handle.—Brass Ferrule.*

Halt of Original Size.



No. 1

2

3

4

5

6

7

8

9

10

No. 1 . . . . .	per dozen	\$8 50
2 . . . . .	"	13 50
3 . . . . .	"	9 25
4 . . . . .	"	8 00
5 . . . . .	"	13 00

No. 6 . . . . .	per dozen	\$7 50
7 . . . . .	"	7 50
8 . . . . .	"	7 50
9 . . . . .	"	12 00
10 . . . . .	"	12 00

ARTISTS' CUTLERY AND SUNDRY TOOLS—Continued.

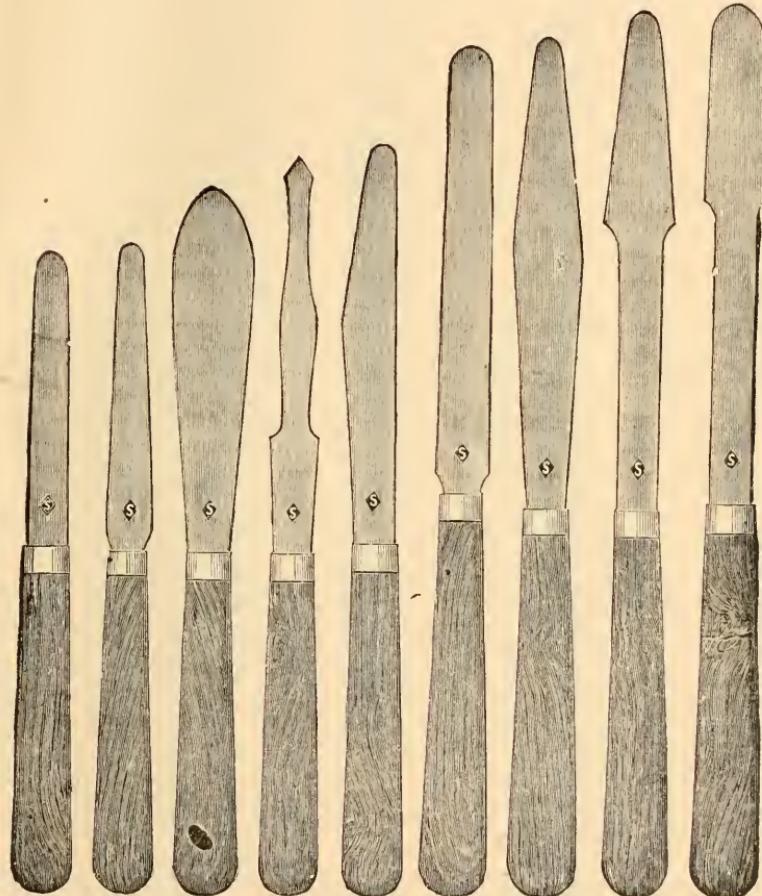
BEST QUALITY

## ARTISTS' ENGLISH STEEL PAINTING KNIVES.

(Continued.)

*Cocoa Handle.—Brass Ferrule.*

Half of Original Size.



No. 11

12

13

14

15

16

17

18

19

No. 11.....per dozen \$7.00

12....." 7.00

13....." 7.50

14....." 9.25

No. 15.....per dozen \$7.50

16....." 7.50

17....." 8.00

18....." 9.00

No. 19.....per dozen \$9.00

# G I L D E R S' K N I V E S.

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Half of Original Size

Single edge, Cocoa handle ..... per dozen \$5.00

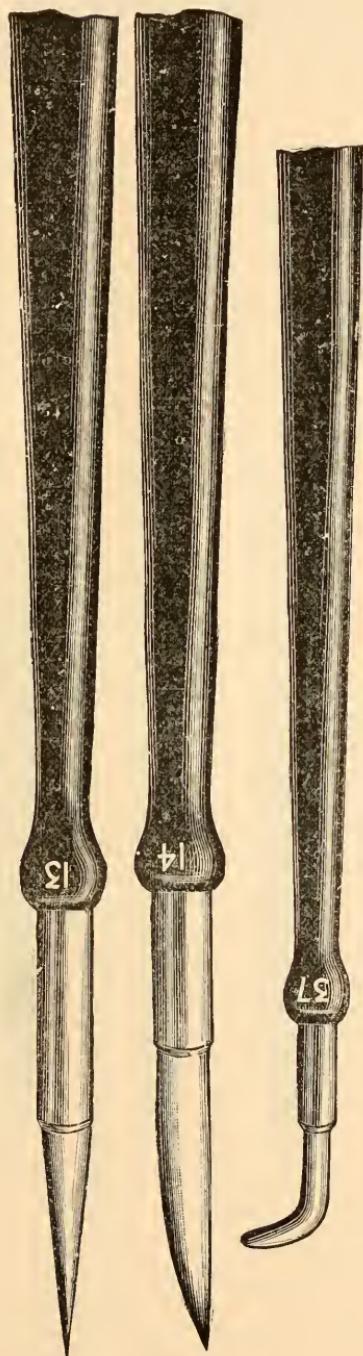


Half of Original Size

Double edge, Cocoa handle ..... per dozen \$6.50

## ARTISTS' CUTLERY AND SUNDRY TOOLS.—Continued.

Original Sizes.



## ARTISTS' AGATE BURNISHERS, BRASS FERRULES.

Polished Wood Handle.

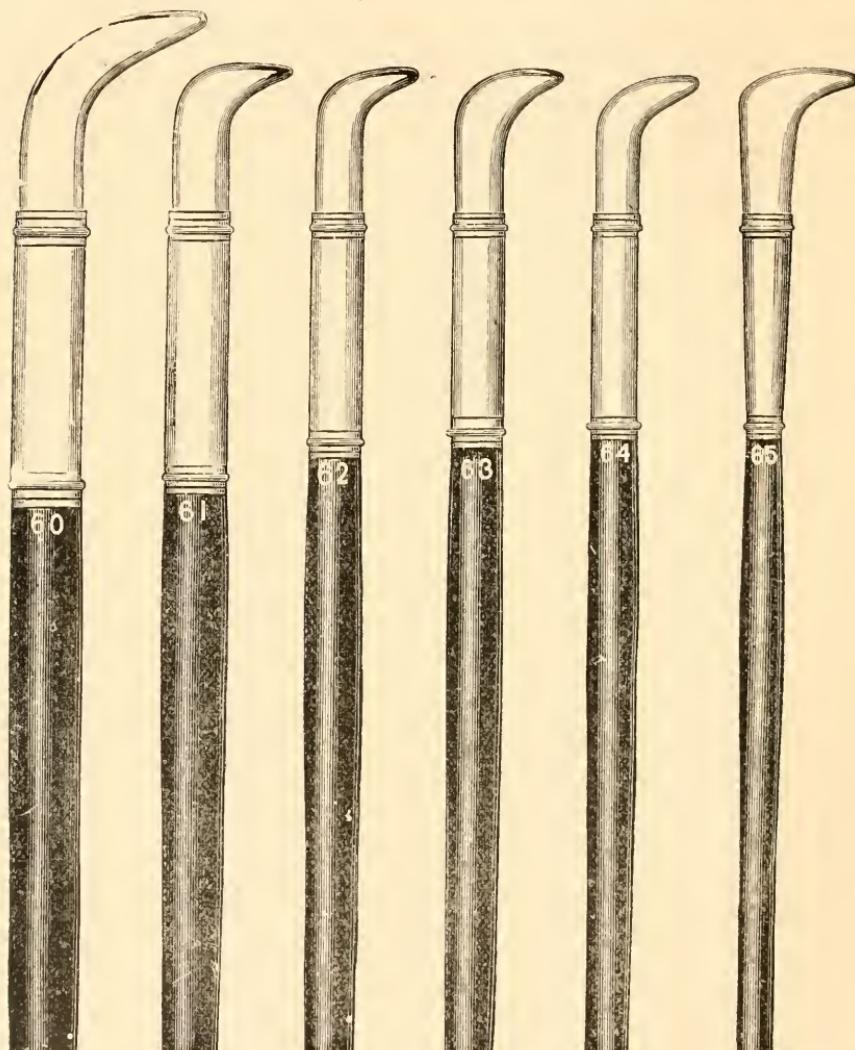
No.	1 . . . . .	per dozen	\$7 50
"	2 . . . . .	"	7 50
"	3 . . . . .	"	6 00
"	4 . . . . .	"	6 00
"	5 . . . . .	"	6 00
"	6 . . . . .	"	6 00
"	7 . . . . .	"	6 00
"	8 . . . . .	"	6 50
"	9 . . . . .	"	6 00
"	10 . . . . .	"	5 00
"	11 . . . . .	"	3 50
"	12 . . . . .	"	4 50
"	13 . . . . .	"	4 25
"	14 . . . . .	"	6 00
"	15 . . . . .	"	7 50
"	16 . . . . .	"	7 00
"	17 . . . . .	"	7 00
"	18 . . . . .	"	7 00
"	19 . . . . .	"	7 00
"	20 . . . . .	"	7 75
"	21 . . . . .	"	7 00
"	22 . . . . .	"	7 00
"	23 . . . . .	"	6 75
"	24 . . . . .	"	7 75
"	25 . . . . .	"	7 75
"	26 . . . . .	"	7 75
"	27 . . . . .	"	7 50
"	28 . . . . .	"	38 00
"	29 . . . . .	"	15 00
"	30 . . . . .	"	7 25
"	31 . . . . .	"	8 50
"	32 . . . . .	"	5 50
"	33 . . . . .	"	7 75
"	34 . . . . .	"	5 50
"	35 . . . . .	"	7 00
"	36 . . . . .	"	7 75
"	37 . . . . .	"	5 50
"	38 . . . . .	"	7 00
"	39 . . . . .	"	7 00
"	40 . . . . .	"	7 00
"	41 . . . . .	"	9 25
"	42 . . . . .	"	9 25
"	43 . . . . .	"	7 00
"	44 . . . . .	"	7 00
"	45 . . . . .	"	7 00
"	46 . . . . .	"	7 00

Sketches of other sizes furnished on application.

ARTISTS' CUTLERY AND SUNDRY TOOLS—Continued.

# AGATE ILLUMINATORS.

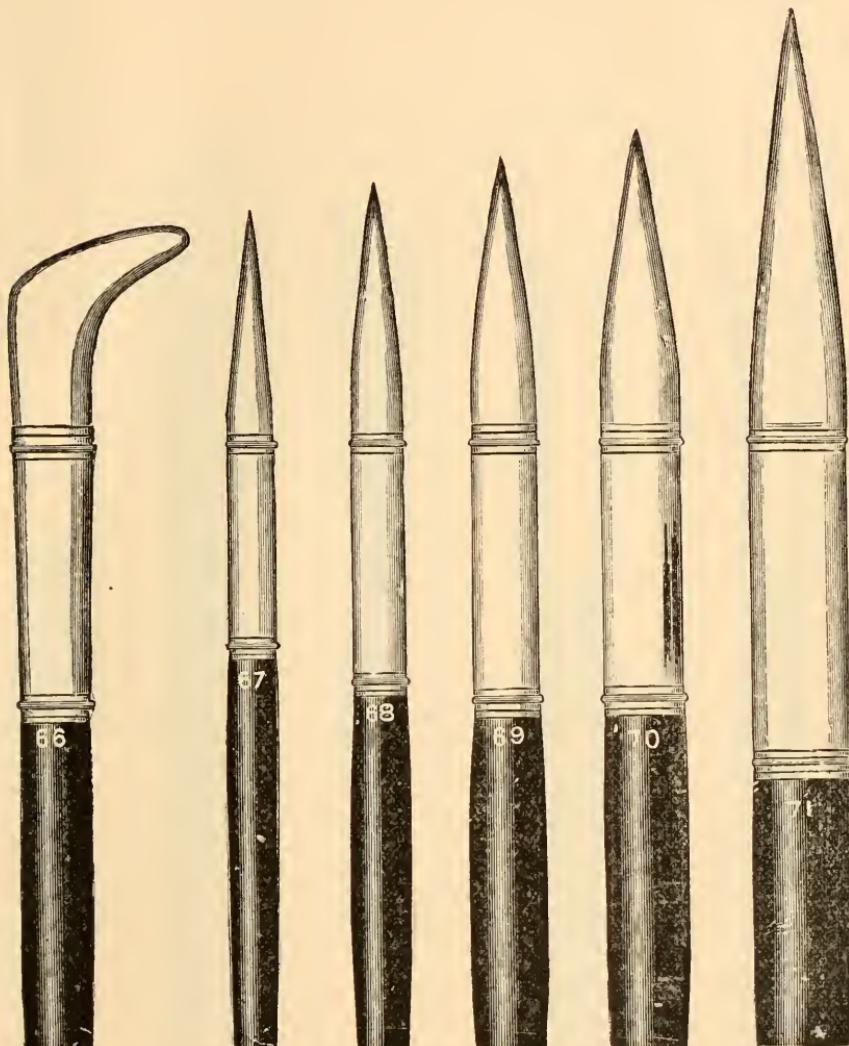
Brass Ferrules, Polished Wood Handles.



No. 60.....	per dozen	\$6.50
" 61.....	"	6.50
" 62.....	"	6.00
" 63.....	"	6.00
" 64.....	"	6.00
" 65.....	"	6.00

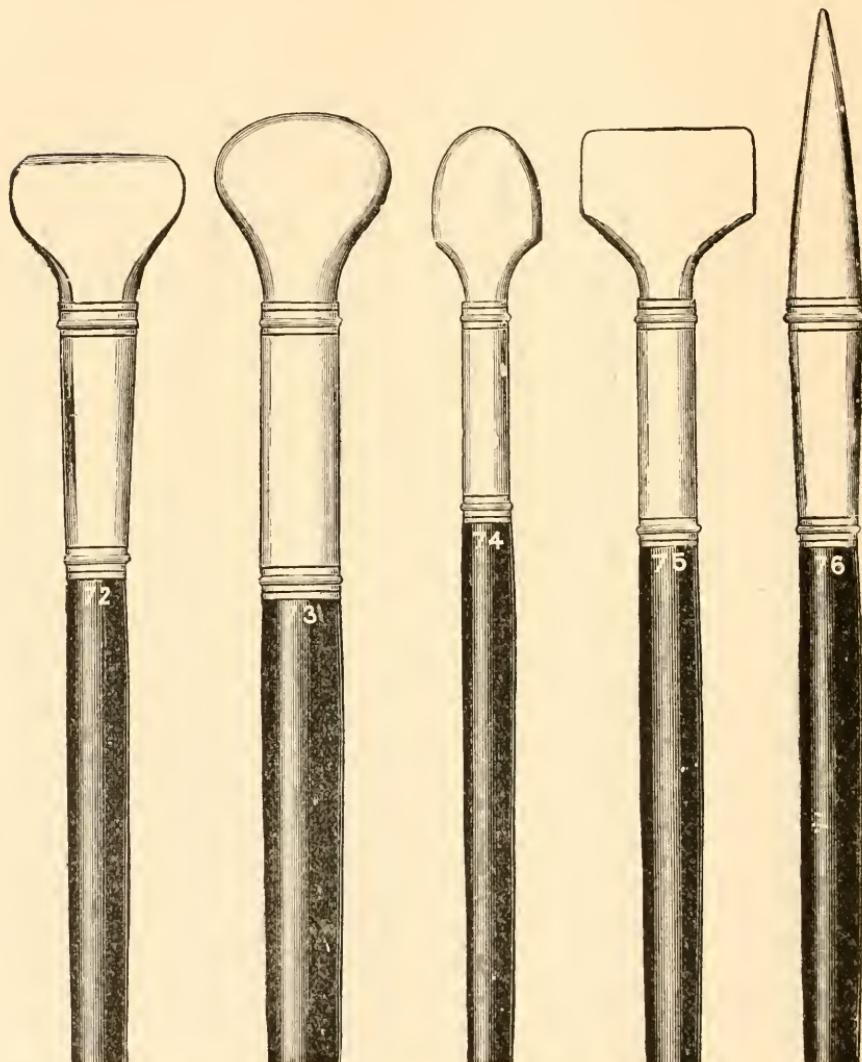
ARTISTS' CUTLERY AND SUNDRY TOOLS.—Continued.

*Agate Illuminators—Continued*



No. 66.....	per dozen	\$6 50
" 67.....	"	5 50
" 68.....	"	5 50
" 69.....	"	5 50
" 70.....	"	5 50
" 71.....	"	6 50

## ARTISTS' CUTLERY AND SUNDRY TOOLS—Continued.

*Agate Illuminators—Continued.*

No. 72.....	per dozen	\$6.00
" 73.....	"	6.00
" 74.....	"	6.00
" 75.....	"	6.00
" 76.....	"	6.50

## ARTISTS' BLOODSTONE BURNISHERS,

POLISHED WOOD HANDLE.—BRASS FERRULE.



Original Sizes. Sketches of other Sizes furnished on application.

No. 1 . . . . .	per piece \$0 60	No. 10 . . . . .	per piece \$0 60	No. 18 . . . . .	per piece \$0 60
" 2 . . . . .	" 0 75	" 11 . . . . .	" 0 75	" 19 . . . . .	" 0 75
" 3 . . . . .	" 1 00	" 12 . . . . .	" 1 00	" 20 . . . . .	" 1 00
" 4 . . . . .	" 1 20	" 13 . . . . .	" 1 20	" 21 . . . . .	" 1 20
" 5 . . . . .	" 1 50	" 14 . . . . .	" 1 50	" 22 . . . . .	" 1 50
" 6 . . . . .	" 2 50	" 15 . . . . .	" 2 40	" 23 . . . . .	" 2 40
" 7 . . . . .	" 3 00	" 16 . . . . .	" 3 50	" 24 . . . . .	" 4 25
" 8 . . . . .	" 2 40	" 17 . . . . .	" 2 85	" 25 . . . . .	" 3 75
" 9 . . . . .	" 1 50			" 26 . . . . .	" 2 85

Extra large, flat, for Bookbinders . . . . . per piece \$6 00

**POCKET AGATE TRACER AND BURNISHER,**

MOUNTED IN GERMAN SILVER.

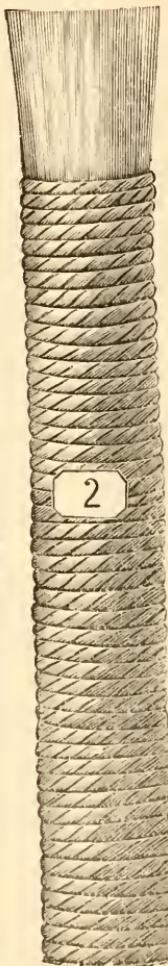


Original Size.

For tracing, burnishing, &c. . . . . per dozen \$3.00

**ARTISTS' GLASS BRUSHES,**

*For Scouring and Matting Gold.*



Original thickness, Original length of brush is 8 inches.

No.	1 ( $\frac{1}{2}$ inch thick)	2 ( $\frac{1}{4}$ inch thick)	3 (1 in. thick)	4 ( $1\frac{1}{2}$ in. thick)	18.00
Per dozen	\$3.00	6.00	9.00		

## MATERIALS FOR OIL PAINTING.

A. SARTORIUS & CO.'S  
**FINELY PREPARED OIL COLORS,**  
 IN PATENT COLLAPSIBLE TUBES.



Size of tube  
 $\frac{1}{2} \times 4$  inches.

Size of tubes  
 $\frac{3}{4} \times 4$  inches.

Size of tube  
 $1 \times 5\frac{1}{2}$  inches.

For List of Colors and Prices see pages 74 & 75.

## MATERIALS FOR OIL PAINTING.—Continued.

A. SARTORIUS & CO.'S FINELY PREPARED OIL  
COLORS.—Continued.

## CLASS A.

Size of Tubes  $\frac{3}{4} \times 4$  inches.

Antwerp Blue		Indian Red
Asphaltum		Ivory Black
Bitumen		King's Yellow
Blue Black		Lamp Black
Burnt Sienna		Light Red
"    Umber		"    "    deep
"    Yellow Ochre		Megilp
Caledonian Brown		Prussian Blue
Cassel Earth		Raw Sienna
Chrome, Yellow, Lemon		"    Umber
"    "    Medium		Silver White
"    "    Deep		Sugar of Lead
"    "    Orange		Terre Verte
Cork Black		Vandyke Brown
Creminitz White		Venetian Red
Emerald Green		Yellow Ochre
Flake White		Zinc White

Per dozen Tubes, .....\$1.00

## CLASS B.

Size of Tubes  $\frac{1}{2} \times 4$  inches.

American Vermilion		Naples Yellow, Deep
Bone Brown		New Blue
Brown Pink		Permanent Blue
Carmine Lake		"    Green
Chrome Green, Light		Purple Lake
"    "    Medium		Rose Pink
"    "    Deep		Sap Green
Crimson Lake		Scarlet Lake
Gamboge		Verdigris
Geranium Lake		Yellow Lake
Green Lake, Deep		Zinc Yellow
Brilliant Yellow		Zinnober Green, Light
Magenta		"    "    Medium
Mauve		"    "    Deep
Naples Yellow, Light		"    "    Pale

Per dozen Tubes, .....\$1.00

**MATERIALS FOR OIL PAINTING.—Continued.****A. SARTORIUS & CO.'S FINELY PREPARED OIL  
COLORS.—Continued.****CLASS C.**Size of Tubes  $\frac{1}{2} \times 4$  inches.

Brown Madder	English Vermilion
Cerulean Blue	Rose Carthame
Chinese Vermilion	Sepia
Citron Yellow	Yellow Ultramarine
Per dozen Tubes.....	\$1.75.

**CLASS D.**Size of Tubes  $\frac{1}{2} \times 4$  inches.

Carmine 2	Lemon Yellow
Cobalt Blue	Madder Lake
" " Light	Pink Madder
French Ultramarine	Rose Madder
Indian Yellow	
Per dozen Tubes.....	\$3.00.

**CLASS E.**Size of Tubes  $\frac{1}{2} \times 4$  inches.

Cadmium, Light	Cadmium, Deep
" Medium	French Carmine
Per dozen Tubes.....	\$4.20.

**CLASS F.****QUADRUPLE TUBES.**Size of Tubes  $1 \times 5\frac{1}{2}$  inches.

Cremnitz White	Silver White
Flake White	
Per dozen Tubes.....	\$2.50.

A SHOWCARD, showing our Colors and an attractive looking PIGEON HOLED CASE for carrying stock, furnished gratis to dealers purchasing our Tube colors regularly.

## MATERIALS FOR OIL PAINTING—Continued.

WINSOR & NEWTON'S  
**FINELY PREPARED OIL COLORS**  
 IN PATENT COLLAPSIBLE TUBES



**ANTWERP BLUE**  
**ASPHALTUM (thick)**  
**BITUMEN**  
**BLACK LEAD**  
**BLUE BLACK**  
**BONE BROWN**  
**BROWN OCHRE**  
**BROWN PINK**  
**BURNT ROMAN OCHRE**  
**BURNT SIENNA**

**BURNT UMBER**  
**CALEDONIAN BROWN**  
**CAPPAH BROWN**  
**CASSEL EARTH**  
**CHINESE BLUE**  
**CHROME GREEN No. 1**  
**CHROME GREEN No. 2**  
**CHROME GREEN No. 3**  
**CHROME, LEMON**  
**CHROME, YELLOW**

## MATERIALS FOR OIL PAINTING.—Continued.

WINSOR & NEWTON'S FINELY PREPARED OIL COLORS  
(Continued.)

Chrome, Deep	Naples Yellow
Chrome, Orange	Neutral Tint
Chrome, Red	New Blue
Cinnabar Green, Light	Nottingham White
Cinnabar Green, Middle	Olive Green
Cinnabar Green, Deep,	Olive Lake
Cologne Earth	Orpiment
Copal Megilp	Oxford Ochre
Cork Black	Payne's Grey
Cremnitz White	Permanent Blue
Crimson Lake	Permanent White
Emerald Green,	Permanent Yellow
Flake White	Prussian Blue
Gamboge	Prussian Brown
Indian Lake	Prussian Green
Indian Red	Purple Lake
Indigo	Pyne's Megilp
Italian Pmk	Raw Sienna
Ivory Black	Raw Umber
Jaune Brillant	Roman Ochre
King's Yellow	Roman Ochre, Cool
Lamp Black	Sap Green
Light Red	Scarlet Lake
Magenta	Silver White
Mauve	Sugar of Lead
Mauve No. 2	Terra Rosa
Medium (Improved Megilp)	Terre Verte
Megilp	Transparent Gold Ochre
Monochrome Tint, Cool, 1	Vandyke Brown
Monochrome Tint, Cool, 2	Venetian Red
Monochrome Tint, Cool, 3	Verdigris
Monochrome Tint, Warm, 1	Verona Brown
Monochrome Tint, Warm, 2	Yellow Lake
Monochrome Tint Warm, 3	Yellow Ochre
Mummy	Zinc White.
Naples Yellow French	

Per dozen Tubes. .... .... ...\$1.50

Double Tubes	Treble Tubes.	Quadruple Tubes.
Cremnitz White	Cremnitz White	Cremnitz White
Flake White	Flake White	Flake White
Silver White	Silver White	Silver White
Medium		
Megilp		

## Per Dozen Tubes:

\$3.00  
(Double)\$4.50  
(Treble)\$6.00  
(Quadruple)

## MATERIALS FOR OIL PAINTING.—Continued.

## WINSOR &amp; NEWTON'S FINELY PREPARED OIL COLORS

(Continued.)

Brown Madder	Green Lake, Deep
Burnt Lake	Rembrandt Madder
Cerulean Blue	Reuben's Madder
Chinese Vermilion	Sepia
French Vermilion	Vermilion, Pale
Geranium Lake	Vermilion.
Green Lake, Light	

Per dozen ..... \$2.40

Brilliant Ultramarine	Mars Orange
Carmine No. 2	Mars Red
Citron Yellow	Mars Violet
Cobalt Blue	Mars Yellow
Cobalt Green	Mineral Grey
Extract of Vermilion	Orange Vermilion
French Ultramarine	Oxide of Chromium
French Veronese Green	Oxide, Transparent
Indian Yellow	Pink Madder
Leitch's Blue	Purple Madder
Lemon Yellow, Pale	Rose Madder
Lemon Yellow	Scarlet Madder
Madder Lake	Scarlet Vermilion
Malachite Green	Strontian Yellow
Mars Brown	Viridian

Per dozen ..... \$4.20

Aureolin	Field's Orange Vermilion
Burnt Carmine	Indian Purple
Cadmium Yellow, Pale	Madder Carmine
Cadmium Yellow, Deep	Orient Yellow
Cadmium Orange	Violet Carmine
Carmine, Finest	Yellow Carmine
Crimson Madder	

Per dozen ..... \$6.60

Aurora Yellow	Primrose Aureolin
	Per dozen, ..... \$9.00

Extra Madder Carmine	Ultramarine Ash
Extra Purple Madder	

Per dozen ..... \$12.00

## EMPTY COLLAPSIBLE TUBES.

$\frac{1}{2} \times 2$ in., when filled.. per gross,	\$2.00	$\frac{3}{4} \times 4$ in., when filled.. per gross,	\$4.00
$\frac{1}{2} \times 3$ " " " .. "	2.20	1 x 4 " " " .. "	6.00
$\frac{1}{2} \times 4$ " " " .. "	2.50	1 x 5 $\frac{1}{2}$ " " " .. "	7.00

## MATERIALS FOR OIL PAINTING—Continued.

DR. F. SCHOENFELD &amp; CO.'S

## FINELY PREPARED OIL COLORS,

IN PATENT COLLAPSIBLE TUBES.

Antwerp Blue	Magenta
Asphaltum	Mangan Brown
Blue Black	Massicot
Bone Brown	Mauve
Brown Ochre	Mineral Blue
Brun Rouge	Middle Ochre
Burnt Brown Ochre	Morellen Salt
Burnt Cremnitz White	Mummy
Burnt Gold Ochre	Munich Lake
Burnt Roman Ochre	Naples Yellow, light
Burnt Sienna	"    "    deep
Burnt Terra Verte	"    "    greenish
Burnt Umber	"    "    reddish
Burnt Yellow Ochre	New Blue
Caledonian Brown	Neutral Tint
Cappah Brown	Permanent Blue
Caput Mortuum, light	Permanent Green, light
"    "    deep	"    "    medium
"    "    deep	"    "    deep
Cassel Earth	Pompeii Red
Chrome Red, light	Prussian Blue
"    "    deep	Prussian Brown
"    Yellow, light	Raw Sienna
"    "    medium	Raw Umber
"    "    deep	Roman Brown
"    "    orange	Roman Ochre
Cologne Earth	Satinober
Cork Black	Silver White
Cremnitz White	Terra Pozzuoli
Crimson Lake	Terra Verte
Emerald Green (Vert Paul Veronèse)	Turkish Red
Flake White	Vandyke Brown
Flesh Ochre	Venetian Red
Gold Ochre	Verdigris
Graphite	Vine Black
Indian Red, light	Yellow Ochre, No. 1
"    "    deep	"    "    2
Indigo	"    "    half burnt
Ivory Black	Zinc White
Jaune Brilliant, light	Zinc Yellow
King's Yellow, No. 1	Zinnober Green, pale
"    "    2	"    "    light
"    "    3	"    Yellowgreen
Lamp Black	"    Green, deep
Light Red	"    Brilliant Green
Price, per dozen tubes.....	..... \$1.02

## WHITES, DOUBLE TUBES.

Price, per dozen tubes.....	..... \$2.03
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## MATERIALS FOR OIL PAINTING.—Continued.

DR. F. SCHOENFELD & CO.'S FINELY PREPARED OIL  
COLORS.—Continued.

King's Yellow No. 4	Cadmium No. 1, Citron
Ultramarine Blue, light	“ No. 2, light
“ “ deep	“ No. 3, medium
Price, per dozen tubes.....\$1.50	“ No. 4, deep
	“ No. 5, orange
Bitumen of Ottoz	Vandyke Red
Brussels Brown	Vert Emeraude
Cobalt Blue No. 2	Turquoise Blue
“ Green, light	Per dozen tubes.....\$3.38
“ “ deep	
Japan Yellow	Indian Yellow
Ultramarine (Lemon Yellow)	Madder Brown
Vienna Red	“ Lake, burnt
Price, per dozen tnbes.....\$1.88	“ “ No. 6, deep
Bleu Celeste	Per dozen tubes.....\$3.90
“ Lumiere	
Brown Pink	Aureolin
Carmine Vermilion	Carmine
Chinese Vermilion	Per dozen tubes.....\$4.13
Cobalt Blue No. 0	
“ “ No. 1	Burnt Carmine
Crimson Lake, genuine	Madder No. 7
Geranium Lake	Violet Carmine
Green Lake, light	Per dozen tubes.....\$4.80
“ “ deep	
Madder Lake No. 1, light rose	Madder No. 8
“ “ No. 2, rose	Per dozen tubes.....\$5.63
“ “ No. 3, deep rose	
“ “ No. 4, pink	Madder Carmine
Mars Orange	Per dozen tubes.....\$6.75
“ Yellow	
Olive Green	BUTTER MEDIUM.
Patent Vermilion	(MALBUTTER.)
Robert Lake No. 7, light brown	Per dozen tubes.....\$2.25
Sap Green	
Scarlet Vermilion	
Sepia	
Strontian Yellow	
Yellow Lake, light	
“ “ deep	
Per dozen tubes.....\$2.40	

## MATERIALS FOR OIL PAINTING.—Continued.

**A. SARTORIUS & CO.'S  
Artists' Extrafine Oils, Varnishes, &c.**

	1 oz. bottles, Per dozen.	2 oz. bottles, Per dozen.
Linseed Oil, Purified.....	\$1.00	\$1.50
Poppy Oil.....	1.20	1.80
Nut Oil.....	1.20	1.80
Drying Oil, Strong.....	1.00	1.50
"    "    Pale .....	1.20	1.80
Genuine Mastic Varnish.....	2.40	4.80
Picture Mastic Varnish.....	2.00	3.50
Damar Varnish, Extra.....	1.25	2.40
Picture Copal Varnish.....	1.25	2.40
White Spirit Varnish.....	1.75	2.75
Retouching Varnish.....	1.75	3.00
Spirits of Turpentine, Rectified.....	1.00	1.50

**WINDSOR & NEWTON'S  
ARTISTS' OILS AND VARNISHES.**

Linseed Oil.....	per dozen	2 oz. bottles,	\$ 2.40
Poppy   ".....	"	"	2.75
Nut   ".....	"	"	2.75
Pale Drying Oil.....	"	"	2.75
Strong   ".....	"	"	2.75
Picture Mastic Varnish.....	"	"	10.50
Genuine   "   " .....	"	"	18.00
Picture Copal   " .....	"	"	5.40
Oil   "   " .....	"	"	5.40

**ROBERSON'S MEDIUM.**

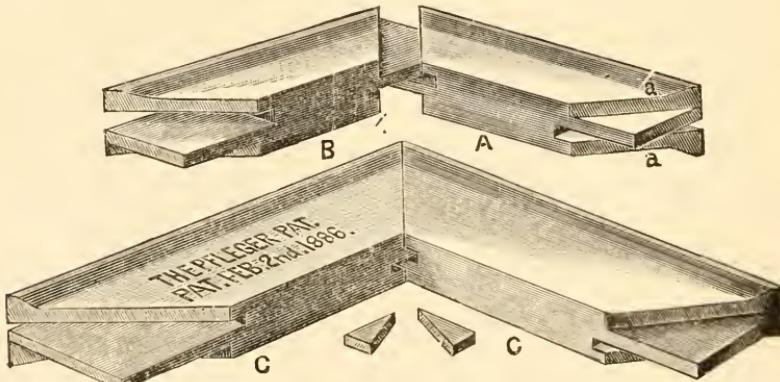
Treble Size Tubes.....	per dozen,	\$6.00
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MATERIALS FOR OIL PAINTING—Continued.  
FRENCH OILS, VARNISHES & MEDIUMS



Siccatif de Harlem .....	per dozen, \$5.40
Siccatif Courtray, Round Bottles.....	" 4.50
Siccatif Courtray, Square " .....	" 2.75
Soehnée's Retouching Varnish, No. 2, for Water Colors...	" 3.00
Soehnée's " " " 3, " Oil " ...	" 3.00

PFLEGER'S PATENT STRETCHERS.



We call special attention to above stretchers, as being the only article of the kind in the market which can be handled successfully by dealers generally, without carrying a large stock of sizes.—The stretchers differ from other stretchers in this respect, that all the pieces are exactly alike (excepting length), any two pieces making a complete mitre.—

Instead of selling same as stretchers, we sell them as stretcher strips, four strips making a complete stretcher.

To illustrate, a dealer carries in stock  $\frac{1}{2}$  dozen of each of the different length pieces, say from 8 inch to 36 inch, making 28 different sizes in all.—It can readily be seen that he can make any size stretcher from 8x8 to 36x36, or any size between, as 8x16, 15x19, 15x36 &c., obviating all delay of odd sizes heretofore experienced by dealers, at the same time placing stretcher stock in such form as can be easily handled.

PRICES OF STRIPS.

From 6 to 36 inches. . . . .	per 100 Strips \$6.00
" 37 to 48 " . . . . .	" " 10.00

## MATERIALS FOR OIL PAINTING.—Continued.

**A. Sartorius & Co.'s Artists' Prepared Canvas.**

MADE OF BEST ENGLISH LINEN. ROLLS OF SIX YARDS.

27 inches wide, per roll....Smooth,	\$ 4.50	Roman,	\$ 4.50	Twilled,	\$ 5.50
30     "     "     "     "     4.85	"	4.85	"	6.25	
36     "     "     "     "     5.75	"	5.75	"	7.25	
42     "     "     "     "     6.75	"	6.75	"	9.50	
45     "     "     "     "     8.00	"	8.00	"	11.00	
54     "     "     "     "     11.00	"	11.00	"	14.00	
62     "     "     "     "     16.00					
74     "     "     "     "     21.00					

**A. SARTORIUS & CO.'S  
BEST PREPARED SKETCHING CANVAS.**

IN ROLLS OF SIX YARDS.

28 inches wide, Plain.....	per roll, \$2.70
32     "     "     "     "     "     2.95	"
38     "     "     "     "     "     3.55	"
27     "     "     Twilled.....	3.45
30     "     "     "     "     "     3.85	"
36     "     "     "     "     "     4.15	"
40     "     "     Plain, white back.....	2.70

**A. Sartorius & Co.'s Absorbent Canvas.**

IN ROLLS OF SIX YARDS.

27 inches wide.....	per roll, \$4.50
30     "     "     "     "     "     4.85	"
36     "     "     "     "     "     5.75	"
42     "     "     "     "     "     6.75	"

**WINSOR & NEWTON'S BRITISH CANVAS.**

IN ROLLS OF SIX YARDS.

Width:	27 in.	30 in.	36 in.	42 in.	45 in.	54 in.	62 in.
Per Roll:	\$4.50	4.85	5.80	6.80	8.00	11.00	16.00

## MATERIALS FOR OIL PAINTING—Continued.

# Artists' Prepared Canvas,

Mounted on Stretchers.

SIZES.	A. SARTORIUS & CO.'S			WINSOR & NEWTON'S	
	PLAIN SKETCHING.	SMOOTH OR ROMAN.	TWILLED.	SMOOTH OR ROMAN.	TWILLED.
6x8	\$0.25	\$0.30	\$0.40	\$0.35	\$0.45
8x10	.25	.35	.45	.40	.50
8x12	.30	.35	.45	.40	.50
9x12	.30	.35	.45	.40	.50
10x12	.30	.40	.50	.45	.55
10x14	.35	.40	.55	.45	.60
12x14	.40	.50	.60	.55	.65
12x15	.40	.50	.60	.60	.70
12x16	.40	.50	.60	.60	.70
12x17	.45	.55	.65	.60	.75
12x18	.45	.55	.65	.60	.75
12x20	.50	.60	.70	.80	1.10
12x22	.60	.70	.80	.80	1.10
12x24	.65	.75	.90	.80	1.10
14x17	.50	.60	.80	.65	.90
14x18	.50	.60	.80	.65	.90
15x18	.59	.60	.85	.70	.95
14x20	.50	.60	.85	.70	.95
16x20	.60	.70	.95	.80	1.10
16x22	.65	.75	.95	.80	1.10
16x24	.70	.80	1.00	.85	1.15
17x21	.70	.80	1.00	.90	1.15
18x22	.70	.90	1.10	1.00	1.25
18x24	.70	.90	1.10	1.00	1.25
20x24	.75	1.00	1.25	1.10	1.40
22x27	.90	1.10	1.40	1.25	1.65
20x30	.90	1.10	1.40	1.25	1.65
18x30	.90	1.10	1.45	1.25	1.65
18x32	.90	1.20	1.45	1.35	1.70
22x30	.90	1.25	1.60	1.35	1.70
25x30	1.00	1.25	1.60	1.40	1.90
20x26	1.00	1.30	1.75	1.40	1.90
22x26	1.10	1.40	2.00	1.50	2.00
27x34	1.20	1.55	1.90	1.65	2.20
24x32	1.30	1.45	1.90	1.55	2.10
24x36	1.30	1.45	2.10	1.75	2.50
27x36	1.30	1.65	2.10	1.75	2.50
29x36	1.30	1.65	2.35	1.75	2.50
24x42	1.40	1.90	2.40	2.00	2.75
28x40	1.50	2.00	2.50	2.10	2.85
30x40	1.50	2.00	2.60	2.25	3.15
30x42	1.50	2.10	2.75	2.40	3.25
30x45	1.60	2.25	3.00	2.50	3.25
30x50	1.75	2.50	3.00	2.70	3.50
36x42	1.75	2.40	3.00	2.60	3.50
40x50		3.15	3.90	3.50	4.50
40x60		4.00	5.00	4.50	5.50

\* Any other Size made to Order.

**MATERIALS FOR OIL PAINTING.—Continued.****CANVAS PLIERS.**

Each .....	\$1.75
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**CANVAS ERASERS OR SCRAPERS.**

CURVED STEEL BLADE—EBONY HANDLE.

1½ in blade.....per dozen, \$5.25	2½ in blade.....per dozen, \$8.00
1½ "       "       "       "       6.00	3       "       "       "       9.00
2       "       "       "       6.60	

**A. Sartorius & Co.'s Superior Academy Boards.**

SMOOTH, STIPPLED, AND ROUGH SURFACE.

6x 9 inches.....per dozen, \$0.40	12x18 inches.....per dozen, \$1.50
9x12       "       "       "       0.75	18x24       "       "       "       3.00

**A. SARTORIUS & CO.'S****Superior Prepared Oil Sketching Paper.**  
HEAVY.

Smooth, 22x30 inches.....	per dozen, \$2.00
Rough, 22x30       "       "       "       "       2.25	

**A. Sartorius & Co.'s Oil Sketching Blocks.**

SMOOTH AND STIPPLED SURFACE.

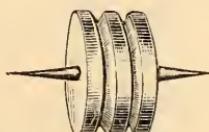
These Blocks consist of 24 sheets of Oil Sketching Paper, compressed so as to form an apparently solid block. By passing a knife under the edge of the uppermost surface, the sheet can be easily removed.

## PLAIN BLOCKS.

5x 7 inches.....each, \$0.40	10x14 inches.....each, \$1.40
7x10       "       "       0.75	12x18       "       "       2.25
9x12       "       "       1.25	14x20       "       "       2.75

**CANVAS PINS.**

WOOD CENTRE.  
STEEL PINS.



FOR  
SEPARATING  
WET SKETCHES.

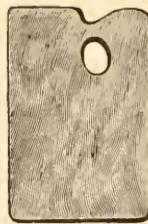
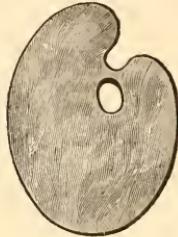
Price.....per dozen, \$0.35

For Wood Top Thumb Tacks see page 153.

## MATERIALS FOR OIL PAINTING.—Continued.

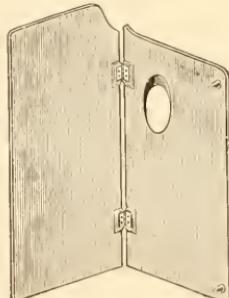
**TULIP WOOD PANELS.  
FINELY PREPARED FOR OIL PAINTING.**

No. 1. 6 $\frac{1}{4}$ x 8 $\frac{3}{4}$ inches.....	each, \$0.40
" 2. 7 $\frac{1}{2}$ x 9 $\frac{1}{2}$ " .....	" 0.50
" 3. 8 $\frac{3}{8}$ x10 $\frac{5}{8}$ " .....	" 0.60

**A. Sartorius & Co.'s Wooden Palettes.**

MAHOGANY OR MAPLE.

OVAL OR OBLONG, 6 $\frac{1}{2}$ x 9 INCHES .....	per dozen,	OILED.	POLISHED
" " 7x10 "	"	1.50	\$4.20
" " 7 $\frac{1}{2}$ x11 "	"	1.80	4.50
" " 8x12 "	"	2.20	5.00
" " 9x13 "	"	2.60	5.50
" " 9 $\frac{1}{2}$ x14 "	"	3.00	6.20
" " 10x15 "	"	3.50	7.00
		4.00	7.75

**FOLDING PALETTES.**

Mahogany, Oiled, 10x12, superior quality..... per dozen, \$7.50

**THE "STUDIO" PALETTE.**

LARGE PALETTE MADE OF MAHOGANY, BALANCED BACK  
CROSS VENEERED AT THUMB HOLE, SHELLAC FINISH.

No. 1. Size, 16x24 inches.....	each, \$2.00
" 2. " 17x27 " .....	" 2.50

## MATERIALS FOR OIL PAINTING—Continued.

## TIN PALETTE CUPS OR DIPPERS.



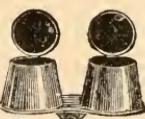
No. 1.



No. 2



No. 3



No. 4



No. 9



No. 5



No. 6



No. 7



No. 8



No. 10

No. 1, Single, without cover, per dozen.....	\$0.50
" 2, Single, with cover, per doz.	1.00
" 3, Double, without cover, per dozen.....	1.00
" 4, Double, with cover, per dozen.....	1.75
" 5, Single, without cover, per dozen.....	0.50

No. 6, Double, without cover, per dozen .....	\$1.00
" 7, Single, with cover, per doz	1.50
" 8, Double, with cover, per dozen .....	3.00
" 9, Single, with screw cover, per dozen .....	2.50
" 10, Double, with screw cover, per dozen .....	3.00

Cups Nos. 7 and 8 have inside leather caps to prevent liquids spilling while carrying

## JAPANNED PALETTE CUPS.

No. 1, Single, without cover, per dozen.....	\$0.50
" 2, Single, with cover, per doz.	1.00

No. 3, Double, without cover, per dozen.....	\$1.00
" 4, Double, with cover, per doz.	1.75

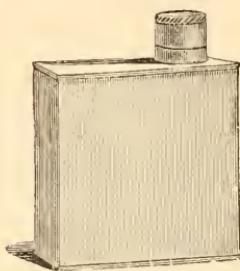
## IMPROVED PALETTE CUPS.



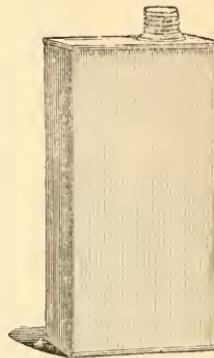
Per dozen..... \$1.80

## MATERIALS FOR OIL PAINTING.—Continued.

## TIN BOTTLES WITH METAL SCREW TOPS.



2 Ounce Square.



2 Ounce Oblong.

Two ounce, Square.....	per dozen, \$2.40
“ “ Oblong.....	“ 2.40

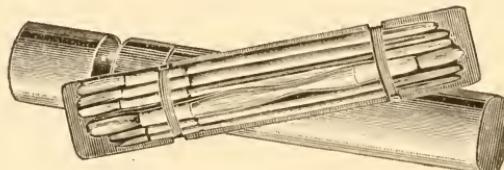
Four “ “ ..... “ 3.60

Two Ounce Square Bottles are made to fit No. 3 Tin Oil color Boxes.

Two Ounce Oblong Bottles are made to fit No. 4, 5 and 6, Tin Oil Color Boxes.

Four Ounce Oblong Bottles are made to fit No. 7 Tin Oil Color Boxes.

## Japanned Brush Cases.



No. 1. Round, 8½ inches long.....	per dozen, \$1.25
“ 2. Oval, 10 “ “ ..... “	5.75
“ 3. “ 12 “ “ ..... “	7.00
“ 4. “ 14 “ “ ..... “	8.00

Nos. 2, 3 and 4 are fitted with slide and elastic bands for holding brushes.

## MATERIALS FOR OIL PAINTING.—Continued.

## REST OR MAL STICKS.



Plain White Wood, assorted, 36, 42, 48 inches long.....	per dozen,	\$1.20
" Oiled Walnut, " 36, 42, 48 " "	"	1.50
" White Wood, two joints, 36 inches long.....	"	4.50
" " " three " 42 " "	"	6.00
Polished Rose Wood or Bamboo, two joints, 36 inches long..	"	6.75
" " " " three " 42 " "	"	8.50

## Superfine Telescopic Bamboo Malsticks.

Length, when closed, 12½ inches. When opened, 32 inches long.



Price.....each, \$2.25

## BLACK MIRRORS.

In pocket cases. Great assistance when sketching from nature, to get correct proportional sizes and to select the proper colors.

Size of Oblong Mirror, 3¼x4½ inches.....each, \$4.00

## SKETCHING UMBRELLAS.

French, Grey Linen, Cane Frame, Jointed Stick.....	each,	\$8.50
" " " Steel " "	"	9.00
American " " " " "	"	5.00

## MATERIALS FOR OIL PAINTING.—Continued.

# SUPERFINE UMBRELLA STAFFS.

FINELY POLISHED WOOD. STAFF JOINTED WITH NICKEL-PLATED TUBE. TWO NICKEL-PLATED SCREW ATTACHMENTS TO SCREW ANY UMBRELLA TO STAFF. HEAVY NICKEL-PLATED SPIKE. OPEN 59 INCHES LONG. CLOSED 29½ INCHES.



No. 1. PRICE.....	EACH, \$3.00
No. 2. HARDWOOD AMERICAN UMBRELLA STAFF.....	" 1.00
" 3. " " "	" 1.25
	(swivel joint).....

# ARTISTS' MANIKINS OR LAY FIGURES.

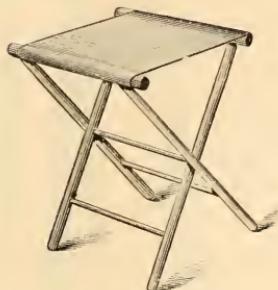
WITH IRON STANDS.

WHITE WOOD.

6 inches high.....	each, \$1.75	21 inches high.....	each, \$ 4.00
9 " " "	" 2.00	24 " " "	" 6.00
12 " " "	" 2.25	30 " " "	" 9.00
15 " " "	" 2.50	36 " " "	" 15.00
18 " " "	" 2.75		

MATERIALS FOR OIL PAINTING—Continued.

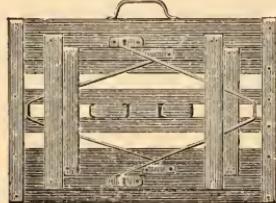
# Artists' Camp Chair and Stool.



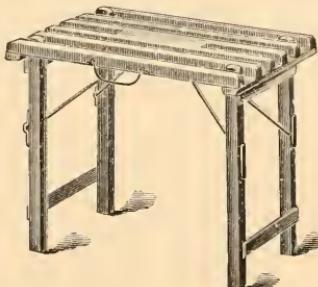
Folding Camp Chair, Canvas seat, well made, and extra strong, each.....	\$0.60
Folding Camp Stool, Canvas seat, well made, and extra strong, each.....	0.40

# Folding Wooden Camp Stools.

FRENCH STYLE.



Closed.

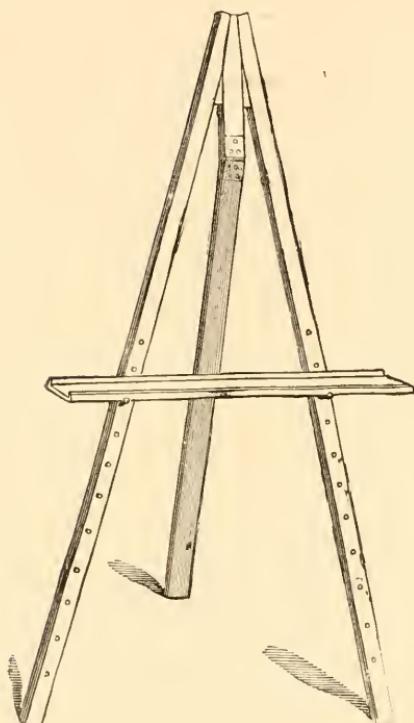


Open.

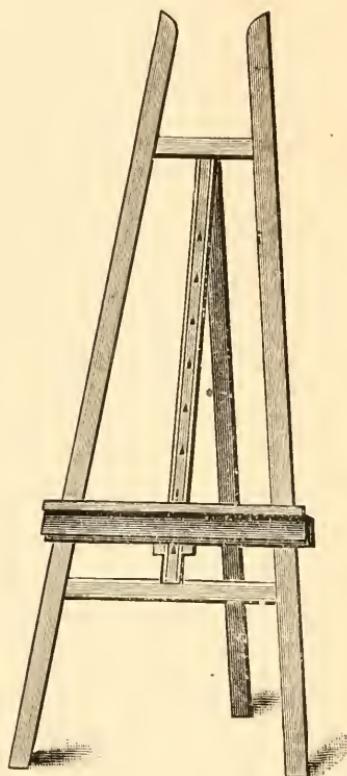
When closed  $10\frac{1}{4} \times 17\frac{3}{4}$  inches, when open  $15\frac{3}{4}$  inches high ....each \$1.50

## MATERIALS FOR OIL PAINTING.—Continued.

## ARTISTS' EASELS.



No. 1.

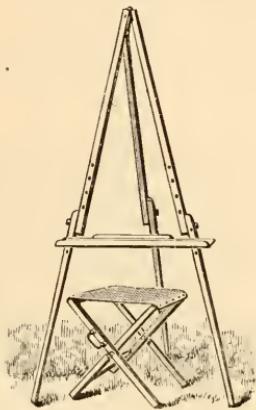


No. 3.

No. 1. Pine, Closing,	6 feet high, with tray and pins, each .....	\$0.65
No. 2. Pine, Folding,	6 feet high, same shape as No. 1, with one joint in the centre to fold 3 feet, joint fastening of Wrought Iron Butts and Hasps, hard wood spreads, two pins and movable tray.....	each 2.25
No. 3. Studio Easel, Pine.....	"	5.00
" " Walnut.....	"	7.00

MATERIALS FOR OIL PAINTING—Continued.

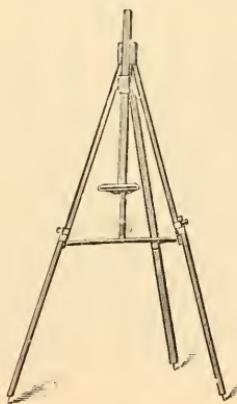
# FOLDING SKETCHING EASELS.



No. 4.

No. 4. Folding, three legs, tray and pins.....	each, \$0.75
" 5. " " " with patent hinge and tray.....	" 1.25

# SLIDING SKETCHING EASELS.



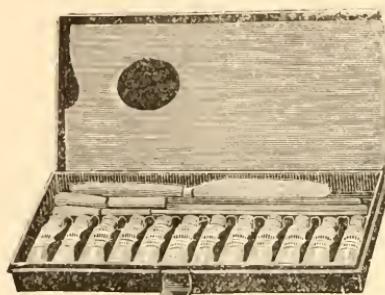
No. 6.

No. 5. Sliding, to adjust legs to uneven ground. Cherry wood, 4 feet, 4 inches, high .....	each, \$3.00
" 6. Sliding, to adjust legs to uneven ground. Cherry wood. Sliding legs and tray firmly fastened with brass screws. 4 feet, 6 inches high .....	" 4.50

## MATERIALS FOR OIL PAINTING—Continued.

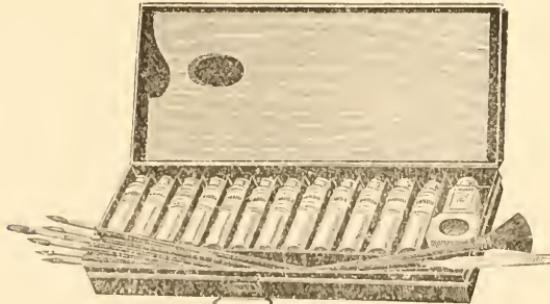
A. SARTORIUS &amp; CO.'S

## ARTISTS' OIL COLOR BOXES.



No. 1.

Japanned Tin,  $7\frac{1}{2} \times 5\frac{1}{4} \times \frac{7}{8}$  inches. Empty ..... per dozen, \$8.50  
 "Complete," containing twelve tubes of A. S. & Co.'s Oil Colors,  
 one each Bristle Brush No. 1, 2, 3, 4, Mahogany Palette and Pa-  
 lette Knife ..... each, \$2.50

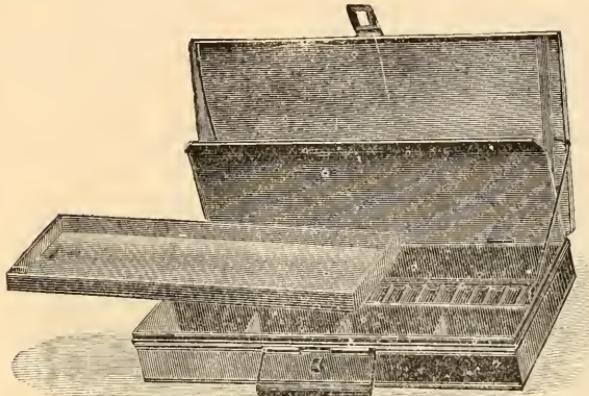


No. 2.

Japanned Tin,  $9 \times 5\frac{1}{2} \times 1\frac{1}{4}$  inches. Empty ..... per dozen, \$10.00  
 "Complete," containing twelve tubes of A. S. & Co.'s Oil Colors,  
 one extra fine Bristle Brush, each No. 1, 2, 3, 4, 5, 6, one extra  
 fine Red Sable Artist Brush, each No. 2, 4, 8, one Round Badger  
 Blender No. 4, one Steel Palette Knife, Mahogany Palette, Bottle  
 Linseed Oil and Oil Cup ..... each, \$3.75

## MATERIALS FOR OIL PAINTING.—Continued.

## A. SARTORIUS &amp; CO.'S ARTISTS' OIL COLOR BOXES.—Continued.

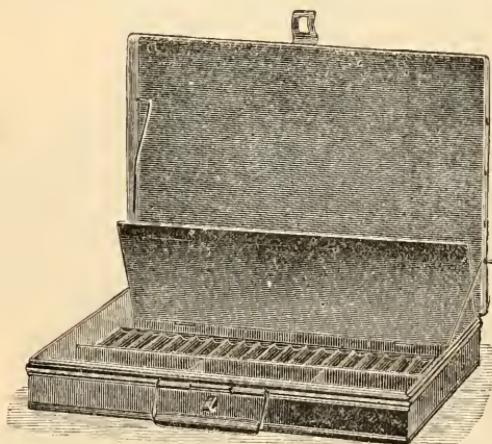


No. 3.

Japanned Tin, 13x6x2 inches. Empty.....per dozen, \$15.00  
Containing Extra Tray for Tubes, and Lid with Spring securely covering contents.

Can be furnished with partitions for single or double tubes. If not stated which is wanted we send boxes for double tubes

"Complete," containing A. S & Co.'s double or single Oil Color tubes, 6 Extra fine Bristle Brushes, assorted, one Extra fine Red Sable Brush, each No. 2, 4, 6, 8, one Round Badger Blender No 4. Steel Palette Knife, Palette Cup, Mahogany Palette, Poppy Oil, Pale Drying Oil, and Turpentine in Bottles. each, \$6.75



No. 4.

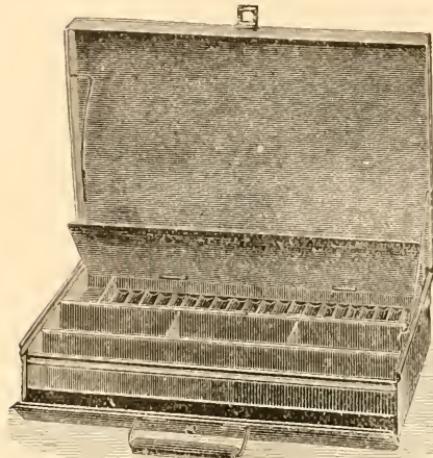
Japanned Tin, 13x9x3 inches deep. Empty.....per dozen, \$15.00  
Containing Lid with Spring securely covering Tubes.

Can be furnished with flat or bevelled top.

Can be furnished with partitions for single or double tubes. If not stated which is wanted we send the box with bevelled top, and with partitions for double tubes.

"Complete," containing A. S. & Co.'s double or single Oil Color tubes, 1 Extra fine Red Sable Brush, each No. 2, 4, 6, 8, one Landseer's Bristle Brush, each No. 1 and 3, one Round Badger Blender No. 4. Steel Palette Knife, Mahogany Palette, Palette Cup, Crayon Holder, Charcoal, Pale Drying Oil, Poppy Oil, and Turpentine, in Bottles.....each, \$7.50

## MATERIALS FOR OIL PAINTING.—Continued.



A. SARTORIUS & CO.'S  
Artists' Oil Color Boxes  
Continued

No. 5.

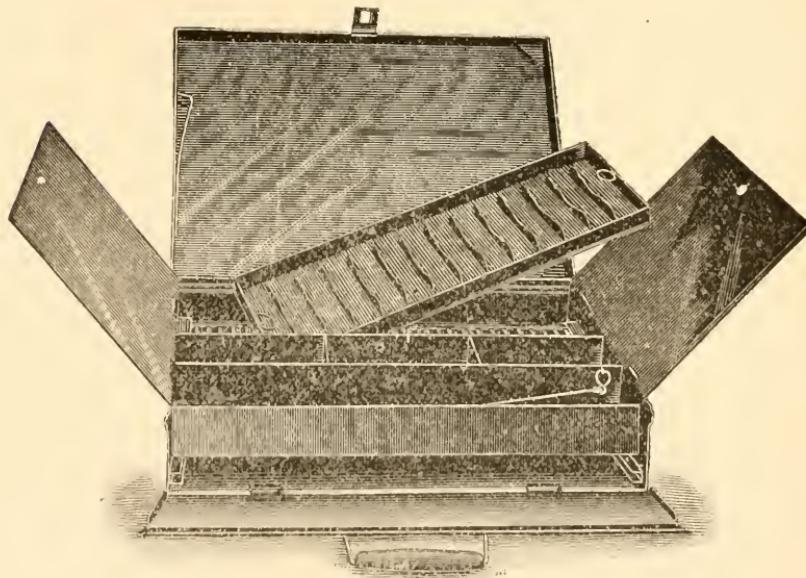
Japanned Tin,  $13\frac{1}{2} \times 9\frac{3}{4} \times 3\frac{1}{4}$   
inches; Double Bottom.

Empty, per dozen, \$20.00

Containing Lid with Spring securely  
covering Tubes.

*"Complete."* containing A. S. & Co.'s Oil Color tubes, six Extra Fine Bristle Brushes, assorted, eight Red Sable Brushes, assorted, one Landsbeer's Brush, each No. 2 and 4, one Fan-shape Brush No. 3, two Special Shaped Bristle Brushes, one Bristle Varnish Brush, 1½ in., one Round Badger Blender No. 6, Steel Palette Knife, Palette Cup, Mahogany Palette, Crayon Holder, Charcoal, Academy Board, Handbook on Landscape Painting, Pale Drying Oil, Poppy Oil, and Turpentine in Tin Bottles.  
Each, \$12.00

**11 Bottles.**  
Each, \$12.00

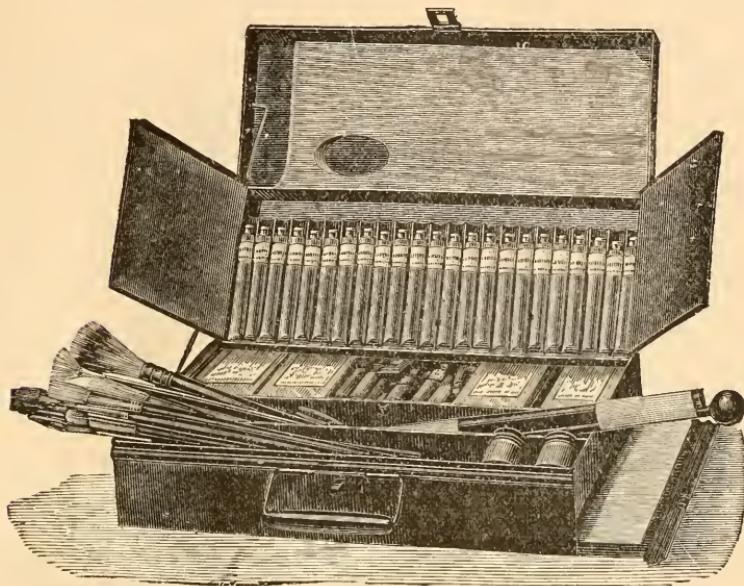


No. 6

Japanned Tin, 13 $\frac{5}{8}$ x9 $\frac{7}{8}$ x3 inches; Double Bottom. Empty, per dozen, \$23.00

Containing extra partitioned tray for tubes, with Lids with bolt securely covering contents.  
*Complete*, containing A. S. & Co.'s Oil Color tubes, six extra fine Bristle Brushes, assorted, 1 inch Bristle Brush, fan-shaped, Bristle Brush No. 3, one each Landseer's Bristle Brushes No. 2 and 4, one each Bright's Bristle Brushes No. 2 and 4, one each Red Sable Brushes No. 1, 3 and 7, one each Red Sable Riggers No. 1 and 3, one Badger Blender No. 6, Crayonholder, Charcoal, Palette Knife, Palette Cup with Cover, Mahogany Palette, Academy Board, Pale Drying Oil, Poppy Oil and Turpentine in Tin Bottles, one Handbook on Oil Painting.....each, \$12.50

## MATERIALS FOR OIL PAINTING.—Continued.

A. SARTORIUS & CO.'S  
ARTISTS' OIL COLOR BOXES.—Continued.

No. 7.

Japanned Tin, 14x10x3½ inches deep. Empty.....	per dozen, \$40.00
Containing Three Slides for holding Sketches.	
"Complete," containing A. S. & Co.'s Oil Color tubes, twelve Extra Fine Bristle Brushes, assorted, 1 inch Bristle Sky Brush, Fan-shape Bristle No. 4, Landseer's Bristle No. 3 and 6, Bright's Bristle No. 3 and 6, two Special Bristle Brushes, one Red Sable Brush, No. 1, 3, 5, 7, 9, 12, one Red Sable Rigger, No. 1 and 4, Badger Blender No. 10, Bristle Varnish Brush, 1½ in., Crayon Holder, Charcoal, Palette Knife, Double Palette Cup with Cover, Polished Palette, Academy Board, Jointed Malstick, Palette Drying Oil, Poppy Oil, Turpentine, and Genuine Mastic Varnish in Tin Bottles, two Handbooks on Oil Painting .....	each, 17.50

## The "Scholars" Oil Color Box.

MADE OF SOLID WOOD, RED POLISH.

Size 10¾x6¼x1¾ inches.

Containing nine double tubes of A. S. & Co.'s Oil Colors, a bottle each of Pale Drying Oil and Spirits of Turpentine, Tin Palette Cup, Mahogany Palette fastened securely inside of cover, Palette Knife and seven assorted brushes.....each, \$2.25

# A. SARTORIUS & CO.'S MOIST OLEO COLORS

(PATENTED)



Size of Small Tube.

Size of Large Tube.

**For Painting Oil Color Style or Water Color Style.**

Water is the thinning Medium in either case.

See List of Colors on page 99 and Instructions on page 100.

Mr. Edouard Detaille's famous picture "Napoléon en Campagne" which attracted so much attention at the exposition of the Société d'Aquarellistes Français, Paris, France, was painted with our Moist Oleo Colors.

## MOIST OLEO COLORS—Continued.

## PRICE LIST.

	Per Large Tube.	Per Small Tube.		Per Large Tube.	Per Small Tube.
Antwerp Blue.....	\$0.20	\$0.10	Indigo.....	\$0.20	\$0.10
Brown Madder.....	0.25	0.13	Ivory Black.....	0.20	0.10
" Pink.....	0.20	0.10	Light Red.....	0.20	0.10
Burnt Sienna'.....	0.20	0.10	Mauve .....	0.20	0.10
" Umber.....	0.20	0.10	Naples Yellow.....	0.20	0.10
Cadmium Yellow, pale..	0.40	0.20	Neutral Tint.....	0.20	0.10
" " Orange 0.40	0.20		Olive Green.....	0.20	0.10
Canary Yellow.....	0.20	0.10	Pale Lemon Yellow.....	0.20	0.10
Carmine.....	0.40	0.20	Payne's Grey.....	0.20	0.10
Cerulean Blue.....	0.25	0.13	Prussian Blue.....	0.20	0.10
Chinese White .....	0.20	0.10	Raw Sienna.....	0.20	0.10
Cobalt Blue.....	0.30	0.15	" Umber.....	0.20	0.10
Chremnitz White .....	0.20	0.10	Rubens Madder .....	0.25	0.13
Crimson Lake.....	0.20	0.10	Rose Madder.....	0.40	0.20
Chrome Green, light .....	0.20	0.10	Sap Green.....	0.20	0.10
" " medium .....	0.20	0.10	Sepia .....	0.20	0.10
" " dark .....	0.20	0.10	Scarlet Vermilion.....	0.25	0.13
" Yellow.....	0.20	0.10	Terre Verte.....	0.20	0.10
" " Orange .....	0.20	0.10	Vandyke Brown .....	0.20	0.10
Delft Blue .....	0.25	0.13	Verdigris .....	0.20	0.10
Emerald Green.....	0.20	0.10	Warm Sepia .....	0.20	0.10
Flake White.....	0.20	0.10	Yellow Ochre.....	0.20	0.10
French Ultramarine Blue	0.25	0.13	Zinc White.....	0.20	0.10
" Vermilion .....	0.25	0.13	Zinnober Green, pale....	0.20	0.10
Gamboge .....	0.20	0.10	Gold Bronze.....	0.25	0.13
Indian Red.....	0.20	0.10	Aluminum .....	0.30	0.15
" Yellow .....	0.25	0.13			

Any other color made to order.

Oleo Megilp.....	per 2 oz. bottle,	\$0.15
Oleo Varnish.....	" "	0.25
Soda Solution for cleaning Brushes.....	" "	0.10
Fixatif.....	" "	0.20
Atomizer .....	each,	0.15

## MOIST OLEO SKETCHING BOX.

A japanned Tin Box with fifteen divisions for Small Oleo tubes and space for Brushes. The box is white enamelled inside, and cover and lid constitute palettes.

Empty.....	each, \$1.50
Complete, containing fifteen small Oleo tubes and four brushes.....	each, 3.50

## MOIST OLEO COLORS—Continued.

Instructions for the Use of A. Sartorius & Co.'s  
**MOIST OLEO COLORS.**

These colors are to be mixed with water only and can be applied either Oil-color style or Water-color style. If applied Oil-color style, pictures, after being varnished, have the exact appearance of Oil paintings. These colors stand any varnish used for Oil colors. We recommend, however, the Oleo varnish which does not give the whites the yellowish tint other varnishes give them. If Oleo-colors are applied Water-color style the picture is not varnished. These colors can be applied on any materials, such as Artists' Canvas, Academy Boards, Cardboard, Paper, Bolting Cloth, Tapestry Canvas, Silk, Wood, &c., and no preparation of the Canvas, Paper, &c., is required before the colors are applied. The effects of Pastel painting can also be obtained with the colors. They cannot spread on Bolting Cloth, Silk, Metal, &c. If used for coloring photographs, the photograph should first be covered with an exceedingly thin coat of glycerine which is generally rubbed on with the finger.

The Moist Oleo Colors dry rapidly and perfectly mat, permitting work without interruption. An artist can use them for sketching the same as Oil colors, can finish his sketch and can take home a dry sketch. By preference, a little Oleo Megilp can be added to the colors, which prevents them from drying too rapidly. **WATER ONLY IS, HOWEVER, ALWAYS THE THINNING MEDIUM.** If painting with Moist Oleo Colors, *Oil Color Style on Paper*, it is advisable to spray Fixatif or Retouching Varnish over the picture by means of an atomizer before applying the Oleo Varnish, to prevent the latter from sinking into the paper. If painting on Canvas or Academy Boards, this is not required.

The Moist Oleo Colors are excellent for photographic reproductions, as they dry perfectly mat and with a velvety finish. With the colors used freely and with water only, the surface is so perfectly free from objectional reflected light if not varnish is applied, that a most perfect negative can be had. A combination of the Vandyke Brown, Raw Umber and White makes the finest for large drawings for half tone reproductions.

# MATERIALS FOR SILICINE PAINTING.

## SILICINE GLASS COLORS,

FOR ECCLESIASTICAL OR DOMESTIC GLASS DECORATION.

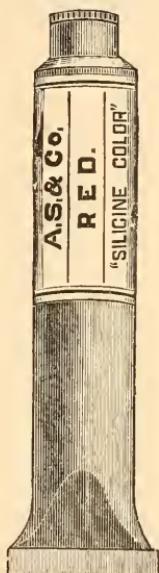
*(Need no firing or burning in.)*

Silicine Glass Painting

IN

Imitation of Stained Glass.

*(Colors are not fired.)*



FOR

Windows, Screens,

Magic & Lantern & Slides,

Hall Lamps &c.

Yellow,	{	2 inch tubes.....	per tube	\$0.30
Rose,		.....	per tube	\$0.50
Red,		.....	"	0.50
Orange,		.....	"	0.30
Bright Brown,		.....	"	0.30
Dark Brown,		.....	"	0.30
Blue,	{	3 inch tubes.....	per tube	0.30
Green,		.....	"	0.30
Shade Tint,		.....	"	0.30
Black,		.....	"	0.30
Silicine Medium.....		.....	per bottle	0.35
" Gloss .....		.....	"	0.50
Japauned box containing the above ten colors, Medium, Gloss, Palette, Brushes, Palette Knife and Scraper, fitted complete .....				\$6.00

*For directions how to use Silicine Glass Colors see next page.*

## MATERIALS FOR SILICINE PAINTING.—Continued.

## INSTRUCTIONS

FOR



*Stained glass windows have become very fashionable of late to accord with the present style of house-furnishing. Stained glass windows, however, being very expensive, except in their very simplest forms, it is our aim to bring within the reach of all an equally effective but less costly substitute. The brilliancy and transparency of Silicine colors is effected by the use of the Silicine medium, with which the prepared colors are mixed. This Silicine produces a permanent, crystal-like substance, by which the work is, as it were, vitrified on.*

*The mode of procedure is very simple. A sheet of glass of the exact size of the window-pane or picture having been procured, is laid down on any picture, engraving or photo, to be copied; then with a fine pen or brush trace, in ink or paint, the exact outline of the whole subject or lines therein as a guide of further work. The markings being done, allow to dry, and then reverse the side of glass, painting on the other side, but on the inked side, if the ink marks be required to remain, or in the imitation of the "leadings," which are marked broadly, and painted over with Silicine paint. But if the ink tracing be only required as a guide, then paint on the reverse side, and when the picture is sufficiently advanced, wash off the ink used. Silicine gloss is used to wash over the work, and ensure extra preservation and beauty. Those who can paint in water colors will find it easy from beginning to end, as, allowing each stage to dry, Silicine will permit over-painting to any extent, and is executed just as a water color is done. When the work is finished the glass can be reversed and put into the window-sash or bars, taking care however, that the window-pane is scrupulously clean, and that little strips of wood or card, not to show, be put between the panes so as to keep them from touching.*

## MATERIALS FOR TAPESTRY PAINTING.

## LIQUID TAPESTRY COLORS.

FOR PAINTING ON CANVAS AND OTHER TEXTILES.

IN 2 OZ. BOTTLES.

Burnt Sienna	Indigo	Rose Madder
Cadmium Yellow	Italian Earth	Saturn Red
Carmine	Ivory Black	Sepia
Cassel Earth	Olive Green	Turquoise Blue
Chrome Yellow, Light	Payne's Grey	Ultramarine Blue
Cobalt Blue	Prussian Blue	Vandyke Brown
Crimson Lake	" Green	Vegetable Green
Emeraude Green	Raw Sienna	Vermilion
Golden Yellow	" Umber	Violet Blue
Grass Green	Red Brown	" Purple

All Colors, except Carmine.....	per dozen,	\$2.40
Carmine.....	"	4.80

See page 104 for **INDELIBLE PROCESS LIQUID** for painting on Tapestry Canvas with Artists' Oil Colors.

See pages 98, 99 and 100 for **MOIST OLEO COLORS** for painting on Tapestry Canvas.

## TAPESTRY CANVAS.

## LINEN:

No. 1. Fine grain, bleached, 27 inches wide.....	per yard,	\$1.00
" 1. " " " 36 " "	"	1.25
" 2. Coarse grain, unbleached, 40 inches wide.....	"	1.20
" 2. " " " 55 " "	"	1.60
" 2. " " " 84 " "	"	2.70
" 3. Fine grain, half bleached, 55 " "	"	2.25
" 3. " " " 82 " "	"	3.00

## WOOLEN:

No. 4. Medium grain, 27 inches wide.....	per yard,	\$2.25
" 4. " " " 36 " "	"	3.00
" 4. " " " 55 " "	"	4.50

## BLACKMAN'S INDELIBLE PROCESS LIQUID.

*A New Medium used with  
Artists' Oil Colors to Paint on Silk, Linen, Cotton, Bolting  
Cloth, Tapestry Canvas and all Wash Fabrics.*

By using this medium alone with the Oil Colors an indelible color is obtained. Flowers and other designs can therefor be painted on napkins or other articles in daily use, and which need frequent washing. The painting is not effected by washing with soap, and the linen or cotton is as soft and pliable after decoration as before.

**THE INDELIBLE PROCESS LIQUID** also prevents colors from spreading, and by using it in connection with Ivory Black very fine etching can be done.

If A. Sartorius & Co.'s Oil Colors are thinned with this Liquid, excellent colors for **TAPESTRY PAINTING** are obtained.

Price..... per dozen, \$3.00

## BOLTING CLOTH.

EXTRA FINE QUALITY FOR PAINTING.

40 inches wide..... per yard, \$3.00

## CELLULOID.

IN SHEETS OF 20x50 INCHES,

OPAQUE, DULL BLACK.

Thickness.		Per sheet
No. 10.	Ivory.....	\$1.35
" 15.	" .....	1.90
" 20.	" .....	2.65
" 10.	Celeste.....	1.35
" 10.	Light Yellow.....	1.35
" 10.	Orange Red.....	1.35
" 10.	Pink.....	1.35
" 10.	Turquoise.....	1.35

TRANSPARENT, GLAZED ON BOTH SIDES.

No. 10.	Blue.....	\$1.80
" 10.	Colorless.....	1.80
" 10.	Red.....	1.80

SEMI-TRANSPARENT.

No. 10.	Colorless.....	\$1.80
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# MATERIALS FOR CHROMO-PHOTOGRAPHY.

## Convex Glasses for Chromo-Photography.

Card Size, Oval	$2\frac{5}{8}$ x $3\frac{3}{8}$	inches.....	per gross,	\$3.00
" " Square,	$2\frac{5}{8}$ x $3\frac{3}{8}$	" .....	" "	3.00
Half Cabinet Size, Oval,	$4\frac{1}{8}$ x $5\frac{1}{2}$	" .....	" "	5.50
" " Square,	$4\frac{1}{8}$ x $5\frac{1}{2}$	" .....	" "	5.50
Imperial Size, Oval	$4\frac{1}{4}$ x 6	" .....	" "	6.00
" " Square	$4\frac{1}{4}$ x 6	" .....	" "	6.00
Panel	4 x 8	" .....	per dozen,	1.00
Oval or Square,	$6\frac{1}{2}$ x 8	" .....	" "	1.75
" "	8 x10	" .....	" "	3.50
" "	10 x12	" .....	" "	10.00
Boudoir,	5 x 8	" .....	" "	1.50

## LIQUIDS.

Adhesive Preparation, per dozen	1 oz. bottles.....	\$1.50
" " "	2 " .....	2.00
Transparency Liquid,	1 " .....	1.50
" " "	2 " .....	2.00
Bone Tools for mounting.....	per dozen,	\$1.65
Rubber Rollers .....	" "	3.00

## THE ACME WATER COLORS.

FOR COLORING AND PAINTING PHOTOGRAPHS.

Large Box, with Palette and Instructions, containing 18 colors,	per box	\$2.50
Amateur Box, containing 6 necessary colors.....	"	1.00
Acme Medium .....	per pan	0.35
Acme Guide to Coloring, 50 pages.....	per copy	0.25

For A. Sartorius & Co.'s Moist Oleo Colors see pages 98, 99 & 100.

For A. Sartorius & Co.'s Liquid Water Colors see page 110.

For Indelible Process Liquid for mixing Oil Colors see page 104.

For Turpentine for cleaning brushes see page 81.

**MATERIALS FOR WATER COLOR PAINTING.**  
**WINSOR & NEWTON'S MOIST WATER COLORS,**  
**IN PANS AND HALF PANS.**



Whole Pan.



Half Pan.

Antwerp Blue	Emerald Green	Olive Green
Bistre	Gamboge	Payne's Grey
Blue Black	Hooker's Green 1	Prussian Blue
Brown Ochre	Hooker's Green 2	Prussian Green
Brown Pink	Indian Red	Raw Sienna
Burnt Sienna	Indigo	Raw Umber
Burnt Umber	Italian Pink	Roman Ochre
Charcoal Grey	Ivory Black	Sap Green
Chinese White	Lamp Black	Terre Verte
Chrome, Lemon	Light Red	Vandyke Brown
Chrome, Yellow	Mauve	Venetian Red
Chrome, Deep	Naples Yellow	Vermilion
Chrome, Orange	Nentral Tint	Yellow Lake
Cologne Earth	New Blue	Yellow Ochre
Dragon's Blood		
Whole pans . . . . .		per dozen \$3.00
Half pans . . . . .		" 1.65
Brown Madder	Mars Yellow	Rubens' Madder
Carmine Lake	Neutral Orange	Scarlet Lake
Cerulean Blue	Orange Vermilion	Scarlet Vermilion
Crimson Lake	Purple Lake	Sepia
Leitch's Blue	Roman Sepia	Warm Sepia
Whole pans . . . . .		per dozen \$6.00
Half pans . . . . .		" 3.00
Cadmium Yellow, Pale	Indian Purple	Oxide of Chromium
Cadmium Yellow	Indian Yellow	Pure Scarlet
Cadmium Orange	Intense Blue	Violet Carmine
Cobalt Blue	Lemon Yellow	Viridian (Veronese Green)
French Blue (French Ultramarine)	Mars Orange	
Whole pans . . . . .		per dozen \$7.50
Half Pans . . . . .		" 3.75
Aureolin	Field's Orange Vermilion	Purple Madder
Aurora Yellow	Madder Carmine	Rose Madder
Burnt Carmine	Pink Madder	Yellow Carmine
Carmine	Primrose Aureolin	
Whole pans . . . . .		per dozen \$12.75
Half pans . . . . .		" 6.38
Smalt		Ultramarine Ash
Whole pans . . . . .		per dozen \$18.00
Half pans . . . . .		" 9.00

For A. Sartorius & Co.'s Moist Oleo Colors for Water Color Painting see pages 50, 99 & 100

## MATERIALS FOR WATER COLOR PAINTING—Continued.

## WINSOR &amp; NEWTON'S WATER COLORS.

IN CAKES.



Whole Cake.

Antwerp Blue  
Bistre  
Blue Black  
British Ink  
Bronze  
Brown Ochre  
Brown Pink  
Burnt Sienna  
Burnt Umber  
Charcoal Grey  
Chinese White  
Chrome, Lemon  
Chrome, Yellow  
Chrome, Deep  
Chrome, Orange  
Cologne Earth

Constant White  
Dragons Blood  
Emerald Green  
Flake White  
Gamboge  
Hooker's Green 1  
Hooker's Green 2  
Indian Red  
Indigo  
Italian Pink  
Ivory Black  
King's Yellow  
Lamp Black  
Light Red  
Naples Yellow  
Neutral Tint



Half Cake.

New Blue  
Olive Green  
Payne's Grey  
Prussian Blue  
Prussian Green  
Raw Sienna  
Raw Umber  
Roman Ochre  
Sap Green  
Terre Verte  
Vandyke Brown  
Venetian Red  
Vermilion  
Yellow Lake  
Yellow Ochre

Whole Cakes.....	.....per dozen \$3.00
Half Cakes.....	....." 1.65

Black Lead	Mars Yellow
Brown Madder	Neutral Orange
Carmine Lake	Orange Vermilion
Cerulean Blue	Purple Lake
Crimson Lake	Roman Sepia

Rubens' Madder
Scarlet Lake
Scarlet Vermilion
Sepia
Warm Sepia

Whole Cakes.....	.....per dozen \$6.00
Half Cakes.....	....." 3.00

Cadmium Yellow, Pale	Indian Purple	Oxide of Chromium
Cadmium Yellow	Indian Yellow	Pure Scarlet
Cadmium Orange	Intense Blue	Violet Carmine
Cobalt Blue	Lemon Yellow	Viridian (Veronese Green)
French Blue (French Ultramarine)	Mars Orange	

Whole Cakes.....	.....per dozen \$7.50
Half Cakes.....	....." 3.75

Aureolin	Field's Orange	Vermilion
Aurora Yellow	Madder Carmine	Purple Madder
Burnt Carmine	Pink Madder	Rose Madder
Carmine	Primrose Aureolin	Yellow Carmine

Purple Madder
Rose Madder
Yellow Carmine

Whole Cakes.....	.....per dozen \$12.75
Half Cakes.....	....." 6.38

Smalt	Ultramarine Ash
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Whole Cakes.....	.....per dozen \$18.00
Half Cakes.....	....." 9.00

Genuine Ultramarine (in quarter cakes) .....	.....per dozen \$24.00
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## MATERIALS FOR WATER COLOR PAINTING—Continued.

**WINSOR & NEWTON'S MOIST WATER COLORS.**  
IN COLLAPSIBLE TUBES.

SIZE OF WHOLE TUBES.

Antwerp Blue	Gamboge	Payne's Grey
Bistre	Hooker's Green 1	Prussian Blue
Blue Black	Hooker's Green 2	Prussian Green
Brown Ochre	Indian Red	Raw Sienna
Brown Pink	Indigo	Raw Umber
Burnt Sienna	Italian Pink	Roman Ochre
Burnt Umber	Ivory Black	Sap Green
Charecoal Grey	Lamp Black	Terre Verte
Chrome, Lemon	Light Red	Vandyke Brown
Chrome, Yellow	Mauve	Venetian Red
Chrome, Deep	Naples Yellow	Vermilion
Chrome, Orange	Neutral Tint	Yellow Lake
Cologne Earth	New Blue	Yellow Ochre
Emerald Green	Olive Green	
Whole Tubes.....		per dozen \$3.00
Half Tubes.....		" 1.65
Brown Madder	Mars Yellow	Rubens' Madder
Cerulean Blue	Neutral Orange	Scarlet Lake
Carmine Lake	Orange Vermilion	Scarlet Vermilion
Crimson Lake	Purple Lake	Sepia
Leitch's Blue (Cyanine Blue)	Roman Sepia	Warm Sepia
Whole Tubes.....		per dozen \$6.00
Half Tubes.....		" 3.00
Cadmium Yellow, Pale	French Blue (French Ultramarine)	Mars Orange
Cadmium Yellow	Indian Purple	Oxide of Chromium
Cadmium Orange	Indian Yellow	Pure Scarlet
Cobalt Blue	Lemon Yellow	Viridian (Verdese Green)
Whole Tubes.....		per dozen \$7.50
Half Tubes.....		" 3.75
Aureolin	Field's Orange Vermilion	Purple Madder
Aurora Yellow	Madder Carmine	Rose Madder
Burnt Carmine	Pink Madder	Yellow Carmine
Carmine	Primrose Aureolin	
Whole Tubes.....		per dozen \$12.75
Half Tubes.....		" 6.38
Smalt		Ultramarine Ash
Whole Tubes.....		per dozen \$18.00
Half Tubes.....		" 9.00



SIZE OF HALF TUBES.

**CHINESE WHITE.**

TUBES OF CHINESE WHITE ARE DOUBLE THE ORDINARY SIZE.

Large Tubes.....	per dozen, \$3.75
Small Tubes.....	" 1.90

See page 111 for Chinese White in Bottles.

## MATERIALS FOR WATER COLOR PAINTING—Cont'd.

**Dr. F. Schoenfeld & Co.'s**  
**German Moist Water Colors**  
 IN COLLAPSIBLE TUBES.



Aniline, Light Rose	Dragon's Blood	Permanent Green, deep
" Rose (Ponceau)]	Emerald Green	" " light
" Magenta	Flake White	" " medium
" Mauve	Gamboge (Gummi Guttae)	Persian Red
" Scarlet	Gold Ochre	Prussian Blue
Antwerp Blue	" Yellow	Purple Lake
Asphalt	Green Lake, light	Raw Sienna
Bone Brown	" " deep	" Umber
Brown Ochre	Hooker's Green No. 1	Roman Brown
" Pink	" " " 2	" Ochre
Burnt Gold Ochre	Indian Red	Sap Green
" Lake	Ivory Black	Sepia
" Sienna	Indigo	" Warm
" Terra Verte	Japan Yellow	Terra Verte, Veronese
" Yellow Ochre	Jaune Brilliant, light	" "
" Umber	" " deep	Ultramarine Yellow
Cappah Brown	Lamp Black	Vandyke Brown
Caput Mortuum	Light Red	Venetian Red
Carmine Lake No. 2	Mauve	Vermilion, Chinese
Cassel Earth	Mineral Blue	" light
Charcoal Grey	Naples Yellow	Yellow Ochre No. 1
Chrome Green	" " reddish	" " " 2
" Yellow, light	" " greenish	" Ultramarine (lemon)
" " medium	Neutral Tint No. 1	Zinnober Green, light
" " deep	" " " 2	" " yellow
" " orange	Olive Green	" " deep
Cologne Earth	Payne's Grey	Zinc White
Cretnitz White		" Yellow
Per dozen tubes.....		\$1.95
Carmine Lake No. 1	Mars Yellow	Rose Cathame
Crimson Lake	" Orange	Scarlet Lake
Geranium Lake	" Violet	" Vermilion
Per dozen tubes.....		\$2.10

MATERIALS FOR WATER COLOR PAINTING—Continued.  
 DR. F. SCHOENFELD & CO.'S GERMAN MOIST WATER  
 COLORS—Continued.

Brown Madder	Cobalt Blue, light	Malachite Green
Cadmium Yellow, light	Emeraude Green	New Blue
Cadmium Yellow, medium	Indian Yellow	Permanent Blue
Cadmium Yellow, deep	Madder Lake, light	Ultramarine Blue
Cadmium Yellow, orange	Madder Lake, rose	Violet Lake
	Madder Lake, deep rose	
Per dozen tubes.....		\$4.05
Aureolin	Madder Carmine	Purple Madder
Burnt Carmine	Oxide of Chromium, Blue	Violet Carmine
Carmine	Oxide of Chromium, Green-Blue	
Per dozen tubes.....		\$6.00
CHINESE WHITE, PERMANENT.		
Per dozen tubes .....		\$1.88
" double tubes.....		3.00
" bottles.....		3.00

A. SARTORIUS & CO.'S  
**LIQUID WATER COLORS.**



IN TWO OUNCE BOTTLES.

CARMINE	GARDEN GREEN	PRUSSIAN BLUE
CHINESE BLACK	OAKWOOD COLOR	SCARLET
COBALT BLUE	ORANGE	SEPIA
	YELLOW	
Per dozen .....		\$3.00

MATERIALS FOR WATER COLOR PAINTING.—Cont'd.  
 WINSOR & NEWTON'S  
**WATER COLOR LIQUIDS AND MEDIUMS**



Whole Size.



Half Size.



Whole Size.

Whole Size. Half Size.

Indian Ink.....	per dozen bottles,	\$3.75	\$1.90
Carmine .....	"	3.75	1.90
Sepia.....	"	3.75	1.90
Vermilion .....	"	3.75	1.90
Lamp Black.....	"	3.75	1.90
Prussian Blue.....	"	3.75	1.90
Prouts Brown .....	"	3.75	1.90
Asphaltum .....	"	3.75	1.90
Gold Ink .....	"	3.75	1.90
Silver Ink.....	"	3.75	1.90
Indelible Brown Ink .....	"	3.75	1.90
Oxgall, Colorless .....	"	3.75	1.90
Gum Water.....	"	3.75	1.90
Water Color Megilp.....	"	3.75	
Glass Medium No. 1 .....	"	3.75	
"      No. 2.....	"	3.75	
Permanent Chinese White.....	"	3.75	1.90
Prepared Oxgall.....	pots	3.75	1.90

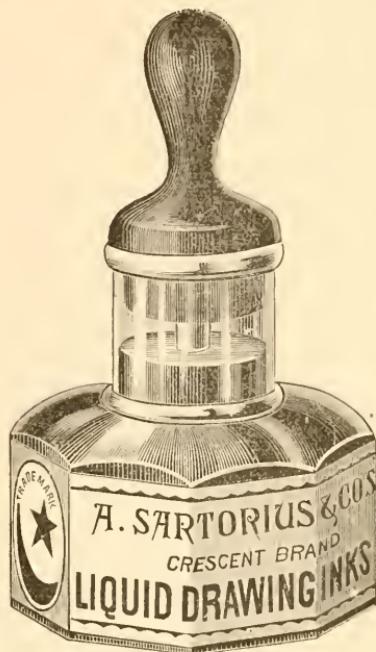
See A. S. &amp; Co.'s Liquid Water Colors, page 110.

See A. S. &amp; Co.'s Liquid India Ink, " 112.

See A. S. &amp; Co.'s Liquid Drawing Inks, " 112.

## MATERIALS FOR WATER COLOR PAINTING.—Cont'd.

A. SARTORIUS & CO.'S  
**CRESCENT BRAND LIQUID DRAWING INKS.**



THE STANDARD DRAWING INKS, UNEXCELLED BY ANY OTHER.

## INDIA INK (BLACK).

MADE IN TWO KINDS.

Waterproof and for General Use (not Waterproof,) such as Tints and Washes.

Waterproof Carmine	Waterproof Blue
Waterproof Scarlet	Waterproof Brown
Waterproof Green	Waterproof Yellow
Waterproof Orange.	

*To dilute these inks use pure water, which does not contain any alkali.  
Distilled water is best.*

Price of all Inks (except Carmine).....	\$2.50 per dozen
" Carmine.....	3.00 "

**MATERIALS FOR WATER COLOR PAINTING—Cont'd.****BOURGEOIS' LIQUID INDIAN INK.**

Small Size.....	per dozen, \$2.25
Large " .....	" 4.50

**HIGGINS' DRAWING INKS.**

General Drawing Ink, Black.....	per dozen, \$3.00
Waterproof Drawing Ink, Black.....	" 8.00
" " " Carmine.....	" 3.00
" " " Scarlet.....	" 3.00
" " " Blue .....	" 3.00
" " " Yellow.....	" 3.00
" " " Green.....	" 3.00
" " " Orange.....	" 3.00
" " " Brown.....	" 3.00

**HIGGINS' PHOTO MOUNTER.**

(An Adhesive Paste, principally used for mounting Photographs and Pictures.)

Price per 6 oz. Jar.....\$0.25

---

A. SARTORIUS & CO.'S  
**L I Q U I D G U M.**

For Mounting Paper on Drawing Boards, &c.

Thinned with Water, an excellent Medium for Water Colors.

Price.....per bottle, \$0.10

## MATERIALS FOR WATER COLOR PAINTING—Cont'd.

## SUPERIOR QUALITY INDIA INK.



No. 1.

Ordinary, 80 plain pieces to the pound.....per pound, \$1.50



No. 2.

Lion Head, 80 gilt pieces to the pound.....per pound, \$5.00



No. 3.

Lion Head, 40 plain pieces to the pound.....per pound, \$5.00



No. 4.

Super Super, 32 plain pieces to the pound.....per pound, \$10.00

## ROMAN SEPIA.



Per dozen Cakes.....\$2.40

## MATERIALS FOR WATER COLOR PAINTING—Continued.

A. SARTORIUS &amp; CO.'S

## LUSTROUS METALLIC AQUARELLE COLORS

FOR

*Lustre Painting on Silk, Satin, Plush &c.,*

AND FOR MAKING DESIGNS ON PAPER.



Original Size of Cake.

*These Colors are put up in cakes, the same as ordinary Aquarelle Colors, and water is only used as medium. The same effects are produced as with Bronze Powders and Lustre Colors, but, as the medium is water, these colors will not stain if used on silk or other delicate materials, nor will they flow as easily as the Lustre Colors used with oil mediums. If a cake is dissolved in water, Gold Ink, Copper Ink, Silver Ink &c., is obtained.*

*Made in the following shades.*

*Green Gold, Light Gold, Deep Gold, Copper, Fire,  
Crimson, Blue, Green, Aluminum.*

Price, per cake..... 15 cents.

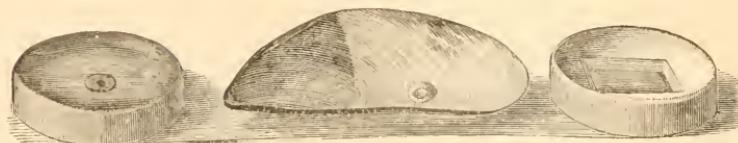
*Patent Blue, Patent Green, Patent Purple.*

Price, per cake ..... 25 cents.

## COMPLETE OUTFIT.

Put up in boxes, containing nine cakes, two china saucers,  
two brushes and pencil sticks..... per box \$1.50

MATERIALS FOR WATER COLOR PAINTING.—Cont'd.  
GOLD & SILVER CUPS & SHELLS.



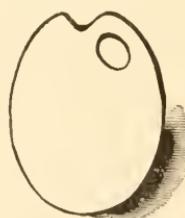
Pure Gold, in cups, $\frac{3}{4}$ inch diameter .....	per dozen, \$0.80
" " 1 " "	" 1.20
" " $1\frac{1}{4}$ " "	" 2.25
" " $1\frac{3}{4}$ " "	" 6.00
Pure Silver, " 1 "	" 0.65
" " $1\frac{1}{4}$ " "	" 0.90
" " $1\frac{3}{4}$ " "	" 2.25
Pure Gold in Mussel Shells .....	" 1.90
Pure Silver in Mussel Shells .....	" 0.65
Pure Gold Tablets, in cups .....	" 21.00
Pure Silver Tablets, in cups .....	" 2.80

WATER GLASSES, WITH TWO LIPS.

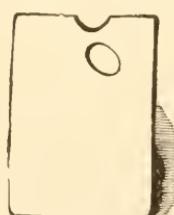


2 $\frac{1}{2}$ inches diameter.....	per dozen \$1.80
3 " "	" 3.00
3 $\frac{1}{2}$ " "	" 3.60

CHINA PALETTES.



OVAL.



OBLONG.

5 in., oval or oblong, per dozen, \$2.50	8 in. oval or oblong, per dozen, \$4.50
6 " " " " " " 3.00	9 " " " " " " 5.25
7 " " " " " " 3.75	10 " " " " " " 5.75

## MATERIALS FOR WATER COLOR PAINTING—Cont'd.

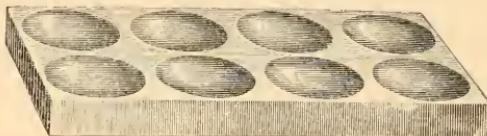
## MIXING CUPS.



## EXTRA LARGE AND EXTRA DEEP.

No. 1. 1 $\frac{5}{8}$ inch high, 2 $\frac{1}{2}$ inches in diameter.....	.....per dozen, \$1.50
" 2. 1 $\frac{3}{4}$ " " 2 $\frac{7}{8}$ " " .....	" 1.75

## COLOR SLABS.

EXTRA LARGE RECESSES, 1 $\frac{1}{2}$  INCHES IN DIAMETER.

One Recess, size of slab 1 $\frac{3}{4}$ inches square.....	.....per dozen, \$0.75
Two Recesses, size of slab 1 $\frac{3}{4}$ x3 $\frac{3}{8}$ inches.....	" 1.00
Four " " " 3 $\frac{3}{8}$ x3 $\frac{3}{8}$ " .....	" 1.50
Six " " " 3 $\frac{3}{8}$ x5 " .....	" 2.00
Eight " " " 3 $\frac{3}{8}$ x6 $\frac{1}{2}$ " .....	" 3.00

## CENTRE SLANTS.

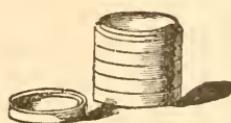


## FOUR SLANTS, SQUARE CENTRE RECESS.

No. 1. 2 inches wide, 5 $\frac{1}{4}$ inches long.....	.....per dozen, \$2.00
" 2. 2 $\frac{1}{2}$ " " 6 $\frac{1}{4}$ " " .....	" 2.50

## MATERIALS FOR WATER COLOR PAINTING.—Cont'd

## CABINET NESTS.



5 CUPS AND COVER.

No. 1..	$2\frac{3}{8}$	inches diameter.....	per dozen,	\$5.40
No. 2..	$2\frac{3}{4}$	" " .. . . . .	" "	6.60
No. 3..	$3\frac{3}{8}$	" " .. . . . .	" "	8.50

## TINTING SAUCERS.



1 in. diameter..	per doz.	\$0.25	3 in. dia/rater..	per doz.	\$0.45
$1\frac{1}{2}$ " " .. .. "		30	$3\frac{1}{2}$ " " .. .. "		50
2 " " .. .. "		35	4 " " .. .. "		55
$2\frac{1}{2}$ " " .. .. "		40			

## PORCELAIN COLOR CUPS.

1 in. diameter..	per doz.	\$0.15	$2\frac{1}{2}$ in. dia/rater..	per doz.	\$0.70
$1\frac{1}{4}$ " " .. .. "		20	$2\frac{3}{4}$ " " .. .. "		85
$1\frac{1}{2}$ " " .. .. "		30	3 " " .. .. "		1.00
$1\frac{3}{4}$ " " .. .. "		40	$3\frac{1}{4}$ " " .. .. "		1.20
2 " " .. .. "		50	$3\frac{1}{2}$ " " .. .. "		1.50
$2\frac{1}{4}$ " " .. .. "		60			

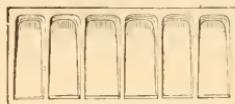
## MATERIALS FOR WATER COLOR PAINTING—Cont'd.

## INDIA INK SLABS.



No. 1. 1½x2¾ inches.....	per dozen,	\$1.25
" 2. 2½x4 " .....	"	2.00
" 3. 2¾x4¾ " .....	"	3.00
" 4. 3¼x5 " .....	"	4.00

## DIVIDED SLANTS.



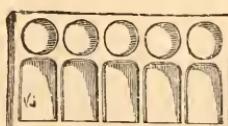
3 divisions.....	per dozen,	\$1.75
4 " .....	"	2.25
5 " .....	"	3.50
6 " .....	"	4.50
8 " .....	"	5.50
10 " .....	"	7.00

## Improved Divided Slant.

12 Divisions. Groove in Centre (6 divisions on each side of groove).

Price..... per dozen, \$8.50

## BOX WELL SLANTS.



3 divisions.....	per dozen,	\$2.25
5 " .....	"	6.50

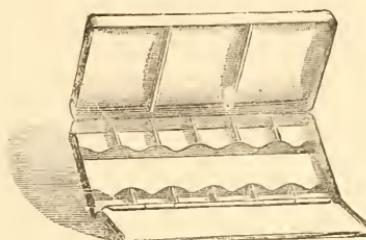
## MATERIALS FOR WATER COLOR PAINTING—Cont'd.

A. SARTORIUS &amp; CO.'S

**JAPANNED TIN BOXES**

FOR MOIST WATER COLORS.

(LONG STYLE.)



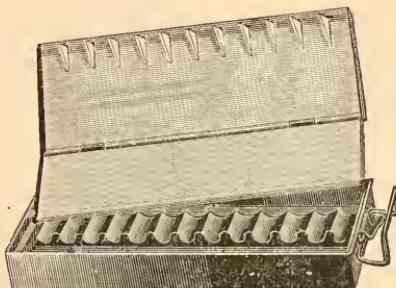
## FOR WHOLE PANS.

6 Divisions, Empty.....	per dozen, \$	9.50
8     "     " .....	"	10.35
10    "    " .....	"	11.25
12    "    " .....	"	12.60
14    "    " .....	"	13.50
16    "    " .....	"	14.40
18    "    " .....	"	15.30
20    "    " .....	"	16.20
24    "    " .....	"	18.00

## FOR HALF PANS.

6 Divisions, Empty.....	per dozen, \$	8.10
8     "     " .....	"	9.45
10    "    " .....	"	10.36
12    "    " .....	"	11.70
14    "    " .....	"	12.15
16    "    " .....	"	12.60
18    "    " .....	"	13.95
20    "    " .....	"	14.95
24    "    " .....	"	16.20
30    "    " .....	"	18.90
36    "    " .....	"	21.60

## MATERIALS FOR WATER COLOR PAINTING—Cont'd.

**The Palette Sliding Lid Color Box.**

A Japanned Tin Box with divisions for Most Water Colors in tubes (whole or half tubes), and space for Brushes. A white enamelled Folding Palette forms the lid.

12	divisions for tubes .....	empty, each	\$1.40
15	" " "	" "	1.50
20	" " "	" "	1.60
24	" " "	" "	1.75

**Polished Mahogany Color Boxes**

for Moist Water Colors in Tubes (whole tubes) with Sliding Lid.

20 divisions for tubes and space for brushes..... empty, each \$1.35

**The College Color Box.**

Japanned Tin Box, highly finished, Palette lid and flap. The colors are secured in their places by patent spring clips. Spaces for 21 half-pans, two tubes and brushes.

Empty, each ..... \$1.35

Fitted complete, containing 21 half-pans, extrafine moist water colors, one tube each Chinese white and sepia, and five extrafine brushes, each, \$3.50

**THE THUMB HOLE BOX.**

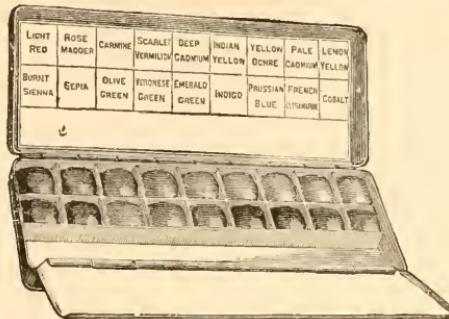
Japanned Tin Box, with thumb hole. Highly finished. Palette lid and flap. Fitted complete, containing 14 half-pans, extrafine Moist Water Colors and four brushes..... each, \$2.00

## MATERIALS FOR WATER COLOR PAINTING.—Cont'd.

~~POCKET BOXES~~

—OF—

## Extra Fine Moist Water Colors.



No. 4.

No 1.	Japanned Tin,	size $1\frac{3}{4} \times 2\frac{1}{4}$ inches, containing	8 colors . . . each, \$1.50
" 2 . .	" "	" $1\frac{3}{4} \times 2\frac{3}{4}$ "	" 10 " . . . " 1.90
" 3 . .	" "	" $1\frac{7}{8} \times 3\frac{3}{4}$ "	" 14 " . . . " 2.60
" 4 . .	" "	" 2 x 5 "	" 18 " . . . " 3.50
" 5 .	Nickel Plated,	" $1\frac{3}{4} \times 2\frac{1}{2}$ "	" 8 " . . . " 2.60
" 6 . .	" "	" $1\frac{7}{8} \times 3\frac{1}{4}$ "	" 12 " . . . " 3.15
" 7 . .	" "	" $2\frac{1}{4} \times 4\frac{1}{2}$ "	" 16 " . . . " 4.00
" 8 . .	" "	" $2\frac{1}{2} \times 4\frac{1}{2}$ "	" 24 " . . . " 6.00

## Japanned Tin Box of Moist Water Colors.

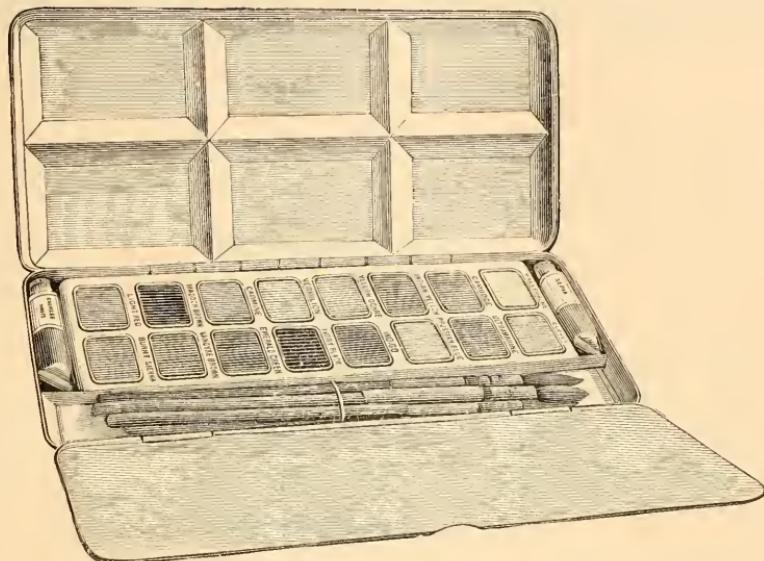


“THE REMBRANDT”

Containing 12 Colors, Brushes and Palette. . . . . per dozen, \$4.00

## MATERIALS FOR WATER COLOR PAINTING—Cont'd.

## Japanned Tin Box of Moist Water Colors.

**"THE MURILLO."**

Large Size, containing 18 Colors, Brushes and Palette..... per dozen, \$9.50  
 Small " " 14 " and Brushes..... " 6.50

## FINE WATER COLOR SCHOOL PAINT BOXES

## FITTED COMPLETE.

No. 1. Darkbrown polished wooden box, sliding lid, containing ten cakes of fine water colors and two porcelain mixing cups, per dozen boxes.....	\$1.85
" 2. Yellow polished wooden box, sliding lid, containing twelve cakes of fine water colors, two porcelain mixing cups and brush, per dozen boxes.....	3.00
" 3. Yellow polished wooden box, sliding lid, containing fifteen cakes of fine water colors, two porcelain mixing cups and brush, per dozen boxes .....	3.50
" 4. Yellow polished wooden box, sliding lid, containing twenty-four cakes of fine water colors, six porcelain mixing cups and brush, per dozen boxes.....	5.60
" 5. Natural polished wooden box, sliding lid, containing twenty cakes of fine water colors, mixing cups and brush, per dozen boxes.....	3.00

## MATERIALS FOR WATER COLOR PAINTING.—Continued.

## EXTRAFINE

**GERMAN BOXES<sup>0</sup> F WATER COLORS.****No. 1.**

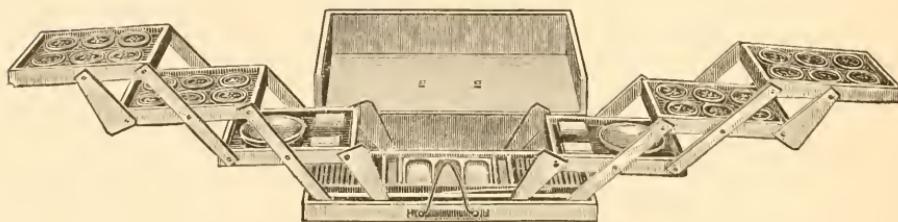
Polished Oak with lock and key, brass handle, Tray containing 18 Whole Cakes, Gold and Silver Bronze in cups, Boxwood Scale, Triangle, Easel, China Slant, Color Cups, Brushes, etc. each.....\$2.50

**No. 2.**

Extrafine Polished Oak, with lock and key, brass handle. Tray and Partitions containing 24 cakes, Gold and Silver Bronze in Cups, Triangle, Leadpencils, China Slant, Water Glasses, Brushes, etc., each.....\$4.00

**No. 3.**

Finest Polished Walnut, veneered with lock and key, heavy Brass Handle and Ornament, Tray and Partitions containing 16 Whole Cakes, 8 Tubes, Boxwood Scale, Triangle, Curve, Leadpencils, Water Glasses, Glass Cups, Brushes, Sketch Book, etc., each.....\$9.00

**No. 4.**

Fine Polished Ash, Steel Handle, Steel Fastener, with six mechanical trays of which three can be pulled up on each side when they will stand slanting one above the other, exposing all the contents, which are 24 Extrafine Colors in Cups, 4 Whole Pans, Large Cups of Gold and Silver Bronze, China Slant, Pastel Crayons, India Ink, Brushes, etc., each.....\$7.00

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING.

A. SARTORIUS & CO.'S  
**SUPERFINE GERMAN CRAYONS**



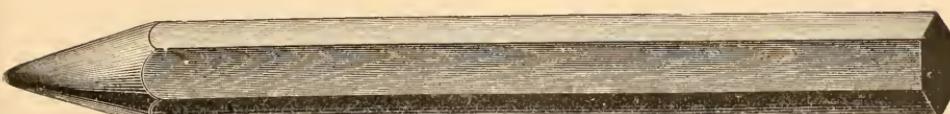
ORIGINAL SIZES.

No. 1, Hard. No. 2, Medium. No. 3, Soft.

In Boxes containing one Gross.

Square Black, Nos. 1, 2 and 3.....	per gross,	\$1.50;	per dozen,	\$0.15
Round " " 1, 2 " 3.....	"	2.00;	"	0.20
Square Brown, " 1, 2 " 3.....	"	1.50;	"	0.15
" Red " 1, 2 " 3.....	"	1.50;	"	0.15
" White " 1, 2 " 3.....	"	1.50;	"	0.15
Round " " 1, 2 " 3.....	"	1.50;	"	0.15

**EXTRA LARGE BLUE MARKING CRAYONS.**



ORIGINAL SIZE.

Per dozen.....	\$0.60
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MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

CRAYONS.



No. 1, Hard : No. 2, Medium ; No. 3, Soft.

	Per gross.	Per dozen
Conté's Square Black, Nos. 1, 2, and 3.....	\$1.60	\$0.18
“ Round “ Nos. 1, 2, and 3.....	3.50	0.35
“ Square Red, Nos. 1, 2, and 3.....	1.60	0.18
“ “ White, Nos. 1, 2, and 3.....	1.60	0.18
“ Sauce, very soft and black, wrapped in foil	8.00	0.75
Girault's Velvet Sauce, wrapped in foil.....	3.75	0.40
Lemercier's Lithographic, Nos. 1, 2, and 3, in boxes of 12 Crayons .....	3.25	0.30
Black Board Crayons, White.....	0.20	0.05
“ “ “ assorted Colors.....	1.25	0.15
Perfection Sauce..... in bottles —		1.00

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

A. SARTORIUS & CO.'S

## Superfine Soft Pastel Crayons.



ORIGINAL SIZE.

In Boxes containing 12 Pastel Crayons, all the same shade (not graduated).

Shade No. 1, White	Shade No. 26, Dark Blue
" " 2, Light Yellow	" " 27, Yellow Green
" " 3, Light Blue	" " 28, Olive Brown
" " 4, Orange Yellow	" " 29, Cassel Brown
" " 5, Japan Brown	" " 30, Night Green
" " 6, Sap Green	" " 31, Sepia Brown
" " 7, Ochre	" " 32, Red Ochre
" " 9, Caput Mortuum Brown	" " 33, Dark Yellow
" " 11, Chrome Green	" " 34, Dark Green
" " 14, Burnt Sienna	" " 36, Dark Grey
" " 15, Chrome Olive	" " 37, Light Grey
" " 17, Japan Red	" " 38, Azure Blue
" " 18, Ultramarine	" " 39, Olive Green
" " 20, Black	" " 42, Light Ochre
" " 21, Dark Brown	" " 45, Mineral Green
" " 22, Dark Olive Green	" " 46, Umber Brown
" " 23, Caput Mortuum	" " 47, Yellow
" " 25, Earth Color	Twelve Assorted Shades

Per Box.....\$0.30

**MATERIALS FOR CRAYON DRAWING AND PASTEL PAINTING—Continued.**

**A. SARTORIUS & CO.'S SUPERFINE SOFT PASTEL CRAYONS—Continued.**

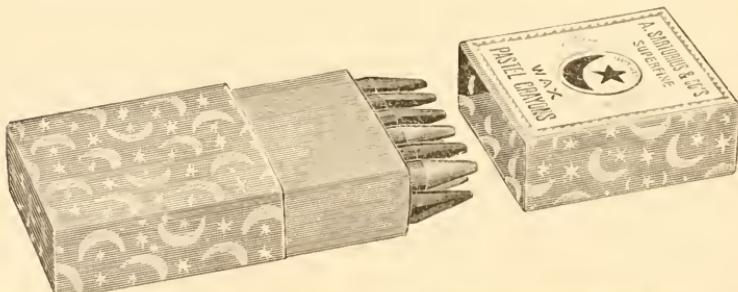
Shade No. 8, Carmine Rose.....	}	Per Box.....\$0.40
"    10, Milori Blue.....		
"    12, Chinese Vermilion.....		
"    13, Blue Green.....		
"    16, Red Violet.....		
"    19, Scarlet.....		
"    24, Dark Violet.....		
"    35, Blue Violet.....		
"    40, Light Red.....		
"    41, Flesh Color.....		
"    43, Light Rose.....		
"    44, Dark Flesh Color.....		
"    0, Carmine.....		per box 0.50
Outfit, containing 48 Pastel Crayons.....		each, 1.30
"    "    "    "    "    ".....		2.60

**A. SARTORIUS & CO.'S  
SUPERFINE WAX PASTEL CRAYONS.**



ORIGINAL SIZE.

In stiff paper boxes, the box containing six wax pastel crayons, assorted colors.....per box, \$0.10



ORIGINAL SIZE.

In stiff paper boxes, the box containing twelve wax pastel crayons, assorted colors.....\$0.25

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

# RAPHAEL MENGS' DRESDEN PASTEL CRAYONS.



## IN FLAT BLACK WOODEN BOXES.

Made according to the receipts of the celebrated Pastelpainter, Raphael Mengs. These Pastelcrayons are justly world renowned for excellence and durability, and the best proof how long these colors will withstand the ravages of time, is Picture No. 2256 in the Dresden Gallery, painted by Raphael Mengs over 100 years ago. These crayons are rolled by hand. Machine-made crayons are pressed in a moist state, and after they are dry they are not as compact and solid as hand-made crayons, nor will the colors hold as well on the paper. Mengs' Pastel Crayons are much larger than the other brands in the market.

No. 000	containing 20 Crayons, assorted colors.....	per box \$1.00
No. 00	" 35 "	" 1.75
No. 0	" 50 "	" 2.50
No. 1	" 80 "	" 4.00
No. 2	" 126 "	" 6.00
No. 3	" 192 "	(three trays) assorted colors..... " 12.00

# BACK \* GROUND \* PASTEL \* CRAYONS.

FULLY  $\frac{1}{2}$  INCH THICK.

In flat wooden Boxes, containing 20 Back-ground Pastel Crayons, each shade consists of 5 graduated tints.

Shade No. 43—Terre Verte.....	.....	} per box \$1.20
" 44—Burnt Umber .....	.....	
" 45—Capergreen .....	.....	
" 46—Caput Mortuum .....	.....	
" 47—Raw Umber .....	.....	
" 48—Greyblue .....	.....	
" 49—Greengrey .....	.....	
" 50—Blackish Greengrey.....	.....	

**MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.**

**RAPHAEL MENGS' DRESDEN PASTEL CRAYONS**  
(Continued.)

**Separate Shades.**

**IN FLAT WOODEN BOXES, CONTAINING 20 PASTEL CRAYONS.**

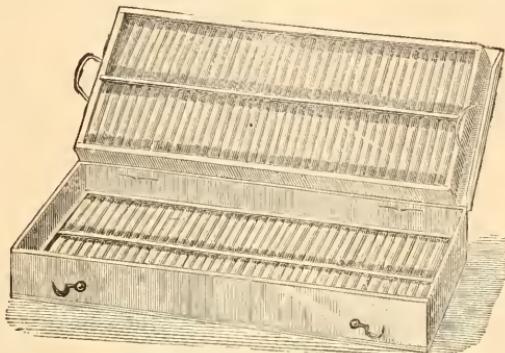
**Each Shade consists of 10 Graduated Tints.**

Shade No.	5.	English Red.....	per box...\$1.00
"	7.	Burnt Gold Ochre.....	
"	8.	Burnt Roman Ochre.....	
"	9.	Light Red.....	
"	10.	Burnt Umber.....	
"	11.	Brown Grey.....	
"	12.	Violet Grey.....	
"	15.	Saturn Red.....	
"	16.	Light Ochre and Vermilion.....	
"	20.	Gold Ochre.....	
"	23.	Caput Mortuum.....	
"	24.	Green Grey.....	
"	27.	Grey Blue.....	
"	28a.	White (not graduated).....	
"	28b.	White to Black.....	
"	28c.	Black (not graduated).....	
"	30.	Terre Verte.....	
"	32.	Caper Green.....	
"	33.	Raw Umber.....	
"	34.	Blackish Green Grey.....	
"	36.	Greenish Brown Grey.....	
"	37.	Mineral Blue.....	
"	38.	Cinnabar Green.....	
"	39.	Reddish Grey.....	
"	40.	Roman Ochre.....	
"	41.	Olive Green.....	
"	42.	Orange Ochre.....	
"	4.	Madder Lake and English Red.....	per box...\$1.20
"	6.	Madder Lake and Burnt Gold Ochre.....	
"	35.	Carmine Lake.....	
"	13.	Chinese Vermilion, dark.....	per box...\$1.40
"	14.	Vermilion, Light.....	
"	29.	Blue Green.....	
"	31.	Yellow Green.....	per box...\$1.80
"	18.	Cadmium, deep.....	
"	19.	Cadmium, light.....	
"	17.	King's Yellow.....	per box...\$2.25
"	26.	Green Blue.....	
"	21.	Blue Violet.....	
"	22.	Red Violet.....	per box...\$2.40
"	25.	Cobalt.....	
"	3.	Madder Lake and Vermilion.....	
"	1.	Madder Lake.....	per box...\$2.75
"	2.	Carmine.....	

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

GIRAUT'S

**EXTRA SOFT FRENCH PASTEL CRAYONS.**



**IN FLAT WOOD BOXES. EACH CRAYON IN TISSUE PAPER.**

No. 0, Double Size, two trays, three rows, containing 272 Crayons, assorted Colors.....	per box, \$8.00
" 1, Double Size, two trays, two rows, containing 164 Cray- ons, assorted Colors .....	" 6.00
" 2, or Full Size, containing 128 Crayons, assorted colors....	" 4.00
" 2½ or ¾ Size, containing 90 Crayons, assorted colors.....	" 3.25
" 3 " ½ " " 66 " " " .....	" 2.25
" 4 " ¼ " Fine, " 56 " extra assorted colors .....	" 1.50
" 5 " ¼ " " 44 " " " .....	" 1.00
" 6 " ⅛ " " 30 " " " .....	" 0.60
" 6 " ⅛ " " 30 " Black .....	" 0.60
" 6 " ⅛ " " 30 " Blue, assorted shades .....	" 0.60
" 6 " ⅛ " " 30 " Brown .....	" 0.60
" 6 " ⅛ " " 30 " Carmine .....	" 3.00
" 6 " ⅛ " " 30 " Emerald Green.....	" 0.60
" 6 " ⅛ " " 30 " Flesh Tint.....	" 0.60
" 6 " ⅛ " " 30 " Green.....	" 0.60
" 6 " ⅛ " " 30 " Gray.....	" 0.60
" 6 " ⅛ " " 30 " Lake.....	" 0.60
" 6 " ⅛ " " 30 " Ochre.....	" 0.60
" 6 " ⅛ " " 30 " Pink .....	" 0.60
" 6 " ⅛ " " 30 " Purple .....	" 0.60
" 6 " ⅛ " " 30 " Red .....	" 1.00
" 6 " ⅛ " " 30 " Rose .....	" 0.60
" 6 " ⅛ " " 30 " Vermilion.....	" 1.00
" 6 " ⅛ " " 30 " Warm Grey.....	" 0.60
" 6 " ⅛ " " 30 " White .....	" 0.60
" 6 " ⅛ " " 30 " Yellow.....	" 0.60

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

GIRAUDET'S  
EXTRA LARGE SOFT PASTELS

CONIC SHAPE.

PER BOX

Flat Wood Box, containing 98 Crayons, assorted shades for Portraits... \$8.00  
" " " " 98 " " " " Landscapes 8.00

Half Hard French Pastel Crayons



IN FLAT WOOD BOXES.

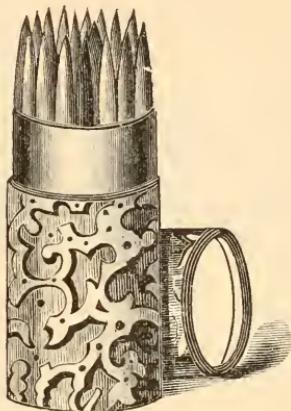
25 shades in box .....	per box, \$0.75
50 " " " .....	" 1.50
75 " " " .....	" 2.25
100 " " " .....	" 3.00

American Colored Crayons.

Boxes of 6 assorted colors.....	per dozen boxes, \$0.50
" 12 " " .....	" " 1.00
" 18 " " .....	" " 1.50
" 24 " " .....	" " 2.00

**MATERIALS FOR CRAYON DRAWING AND PASTEL PAINTING—Continued.**

**HARD PASTEL CRAYONS.**



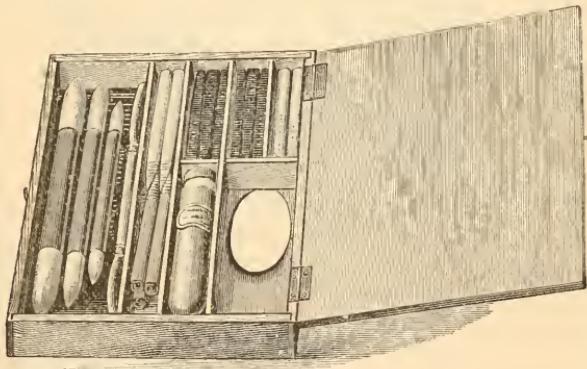
**Superior Quality.** Per dozen boxes

Boxes of 12 assorted colors....	\$ 3.00
" 18 "	4.50
" 24 "	6.00
" 30 "	7.25
" 36 "	9.00
" 48 "	12.00

**Ordinary Quality.** Per dozen boxes

Boxes of 6 assorted colors....	\$0.75
" 12 "	1.20
" 18 "	1.50
" 24 "	2.00
" 30 "	2.50
" 36 "	3.00
" 48 "	4.00

**PALETTE CRAYON BOX.**



The Lid of this Box is covered inside with Wash Leather, which forms a Stumping Palette, and the thumb-hole is arranged to allow of the Box being held on the hand as easily as an ordinary palette.

The Size of Box when closed is  $6\frac{3}{4} \times 5\frac{1}{4}$  inches, and the weight about 8 ounces. The Box contains Square Black Crayons, White Crayons, Velvet Sauce Crayons, Leather and Paper Stomps, Tortillons, and Crayonholder.

Complete .....each, \$1.25

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

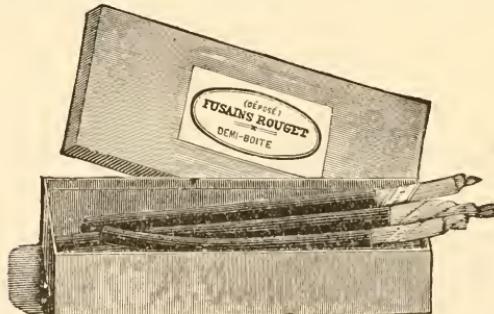
## CONTÉ'S CRAYON PENCILS.



### IN POLISHED CEDAR.

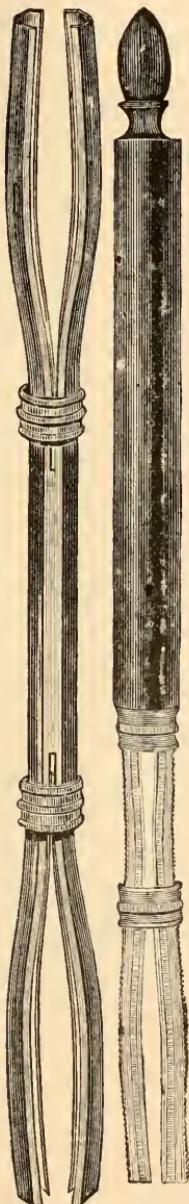
Conté's Black Crayon Pencils No 1 (hard).....	per gross, \$6.50
" " " " 2 (medium).....	" 6.50
" " " " 0 extra fine (very hard).....	" 10.00
" " " " 1 " (hard).....	" 10.00
" " " " 2 " (medium).....	" 10.00
" " " " 3 " (soft).....	" 10.00
" " " Velvet (Velours).....	" 13.80
White "	" 6.50
" " " extra large.....	" 10.00
" Lithographic " Nos 1, 2, or 3.....	" 10.80

## FRENCH CHARCOAL.



Ordinary, 50 sticks, $6\frac{3}{4} \times \frac{1}{4}$ inches, in paper bundle.....	per bundle, \$0.14
" 50 " $6\frac{3}{4} \times \frac{1}{4}$ " box.....	per box, 0.15
Conté's Bush, 50 sticks, $6 \times \frac{1}{4}$ inches, in paper box.....	" 0.30
" Venetian, 50 sticks, $6 \times \frac{1}{4}$ inches, in paper box.....	" 0.50
Rouget's, 25 sticks, $6 \times 5\frac{1}{2}$ inches, in paper box, Nos. 1, 2, and 3	" 0.50
" 50 " " " " 1, 2, and 3	" 1.00
" Fat, hard, for Sketching on Canvas for Oil Painting, in boxes of 25 sticks.....	" 0.60
" Venetian, hard, for Retouching, in boxes of 30 sticks.	" 0.50
Extra, 50 sticks, $8 \times 3\frac{1}{8}$ inches, in paper box.....	" 0.35
Extra, 50 sticks, $8\frac{1}{2} \times \frac{1}{2}$ inches, in paper box.....	" 0.50
Powdered Charcoal .....	per vial, 0.10

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING.—Continued.



Brass, 4 inches.....	per dozen, \$0.40	White Metal, $\frac{1}{4}$ inches.....	per dozen, \$0.55
" 5 " .....	" 45	" 5 "	" .60
" 6 " .....	" .50	" 6 "	" .65
" Ebony Handle .....	" .75	" Ebony Handle.....	" .90
" Ivory Handle.....	" 1.25	" Ivory Handle.....	" 1.50

CONTE'S AUTOMATIC CRAYON HOLDER.

*With hollow Cedar Centre.*

Per dozen .....	.....	.....	\$2.40
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THE INDISPENSABLE CRAYON HOLDER.

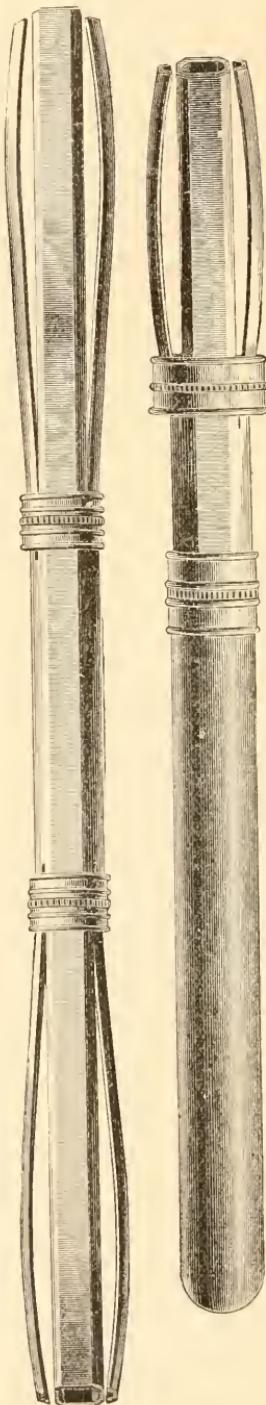
*A very strong and elegant Crayonholder. Hard Wood Centre, Nickel-plated Holders on both ends, one containing black Crayon, the other a Paper Stomp.*

Per dozen..	.....	.....	\$9.00
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MATERIALS FOR CRAYON DRAWING AND PASTEL PAINTING—Continued.

# EXTRA LARGE CRAYON HOLDERS.

WITH FOUR BRANCHES FOR EXTRA THICK CHARCOAL, CHALK AND PASTELS.



## ORIGINAL SIZES.

Brass, 7 inches long.....	.....per dozen, \$1.50
Brass, Ebony handle, 6 1/4 inches long.....	....." 2.00
.....	.....

# SAND=PAPER BLOCKS.

MADE OF FINE SAND-PAPER, FOR SHARPENING LEAD-PENCILS AND CRAYONS.	.....
1 1/2 x 3 3/4 inches.....	.....per dozen, \$1.20

**MATERIALS FOR CRAYON DRAWING AND PASTEL PAINTING—Continued.**

# ATOMIZERS.

FOR SPRAYING FIXATIF ON CRAYON AND CHARCOAL DRAWINGS.



Japanned Tin . . . . .	per dozen,	\$1.50
Nickel Plated . . . . .	"	2.25
Glass, Brass bound, Small Size . . . . .	"	2.50
"    "    "    Large " . . . . .	"	3.50
"    "    "    Small " folding . . . . .	"	3.00

## FIXATIF FOR FIXING CRAYONS.

A. S. & Co.'s 2 oz. bottles . . . . .	per dozen,	\$2.40
Rouget's, 2 oz. bottles . . . . .	"	6.50
"    complete sets . . . . .	per set,	2.75
Soehnée's Composition, 1 oz. bottles . . . . .	per dozen,	2.75

## PASTELLINE.

A NEW AND EXCELLENT FLUID FOR FIXING PASTELS  
Per dozen bottles . . . . . \$6.00

## CHAMOIS PALETTES.

4½ x 6½ inches . . . . .	per dozen,	\$2.75
4½ x 6½ " folding . . . . .	"	5.00

## FRENCH MINIATURE PAPER STOMPS.



ORIGINAL SIZE.

Smooth, hard point, silver papered end . . . . . per dozen, \$0.15

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

## FRENCH STOMPS.



## YELLOW LEATHER STOMPS.

## WHITE KID STOMPS.

## CORK STOMPS.

No. 1 .....	per gross, \$6.60	No. 5 .....	per gross, \$13.20
" 2 .....	" 7.40	" 6 .....	" 16.00
" 3 .....	" 8.80	" 7 .....	" 18.00
" 4 .....	" 10.45	" 8 .....	" 21.00
Assorted, 1 to 8.....	" 11.00		

## GRAY PAPER STOMPS.

No. 1 .....	per gross, \$1.30	No. 5 .....	per gross, \$2.60
" 2 .....	" 1.50	" 6 .....	" 3.00
" 3 .....	" 1.75	" 7 .....	" 3.50
" 4 .....	" 2.20	" 8 .....	" 4.00
Assorted, 1 to 8.....	" 2.40		

## VARIEGATED PAPER STOMPS.

No. 1 .....	per gross, \$2.50	No. 5 .....	per gross, \$4.50
" 2 .....	" 2.75	" 6 .....	" 5.25
" 3 .....	" 3.35	" 7 .....	" 6.00
" 4 .....	" 4.00	" 8 .....	" 7.20
Assorted, 1 to 8.....	" 4.50		

## TORTILLONS.

### SMALL STOMPS, POINTED AT ONE END.

Gray Paper .....	per gross, \$0.50
White " .....	" 0.55

MATERIALS FOR CRAYON DRAWING AND PASTEL  
PAINTING—Continued.

## SUPERIOR PASTEL CANVAS.

No. 1. 38 inches wide, extra fine velvet surface.....	per yard, \$1.25
" 2. 38 " " " sharp "	" 1.25

## FRENCH PASTEL PAPER.

Royal, 19x25 inches.....	per quire, \$ 5.00
Super Royal, 22x28 " .....	" 6.00
Grand Aigle, 26x40 " .....	" 14.00

## French Academy Pastel Paper.

Extrafine, Sharp Preparation, for Hard and Soft Pastels.

Raisin, 19½x25½ inches.....	per dozen sheets, \$3.00
Jesus, 21½x28¾ " .....	" " 3.75
Grand Aigle, 29½x41 " .....	" " 7.50

## French Natural Grey Pastel Paper.

In Rolls of 10 Metres, (11 yards) and 1½ Metres (58 inches) wide.

Per Roll.....	\$3.30
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## A. Sartorius & Co.'s Pastel Boards.

22x28 inches, medium surface.....	per dozen, \$6.00
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## FRENCH PASTEL BOARDS.

No. 6. 12½x16 inches.....	per dozen, \$4.50
" 8. 15 x18 " .....	" 5.00
" 10. 18 x22 " .....	" 6.00
" 12. 20 x24 " .....	" 7.00
" 15. 21 x26 " .....	" 7.50
" 20. 24 x29 " .....	" 9.00

## Superfine, Extra Heavy, White Monochromatic Boards.

16x25 inches.....	per dozen sheets, \$4.50
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# MATERIALS FOR DRAWING.

## WHATMAN'S PAPER

FOR DRAWING AND WATER COLOR PAINTING.

### EXPLANATION OF SURFACES.

N. "Not," or ordinary surface, having a slight grain. H. P. "Hot pressed," or perfectly smooth surface. R. "Rough," or very coarse surface, of large open grain.

Cap,	13 x17 inches, N.....	per quire, \$0.75
Demy,	15½x20 "	N. and H. P..... 1.00
Medium,	17½x22 "	N. and H. P..... 1.60
Royal,	19½x24 "	N. and H. P..... 2.00
Super Royal	19 x27 "	N. and H. P..... 2.50
Imperial,	22 x30 "	N., H. P., and R.. 3.00
Double Elephant,	27 x40 "	N., H. P., and R.. 5.75
Imperial, 90 lbs. to ream.	22 x30 "	N. and R..... 5.00
" 140 "	22 x30 "	N., H. P., and R.. 8.00
Double Elephant, 210 lbs.	27 x40 "	N. and R..... 12.00

## HARDING'S DRAWING PAPER

FOR DRAWING AND WATER COLOR PAINTING.

Imperial, 30x22 inches.....	per quire, \$3.00
" 30x22 " double thick.....	" 6.00

## TORCHON PAPER

ROUGH. FOR WATER COLORS.

Royal, 19x25 inches.....	per quire, \$2.25
Super Royal, 21x29 " .....	" 2.75

## French White Drawing Paper.

Royal, 19x24 inches .....	per quire, \$1.10
Imperial, 22x28 " .....	" 1.75
Colombier, 24x34 " .....	" 2.25
Grand Aigle, 26x40 " .....	" 3.50

## German White Drawing Paper.

EXTRA FINE.

Cap, 17x14 inches.....	per quire, \$0.25
Demy, 15x20 " .....	" 0.40
Medium, 17x22 " .....	" 0.55
Royal, 19x25 " .....	" 0.65
Super Royal, 19x27 " .....	" 0.75
Imperial, 22x20 " .....	" 0.95
Double Elephant, 26x40 " .....	" 1.90

## Extra Heavy German White Drawing Paper

22x32 inches..... per quire, \$2.25

## MATERIALS FOR DRAWING—Continued.

## Extra Heavy Rough White Torchon Board.

For Water Color Painting.

22x34 inches.....	per dozen sheets, \$4.00
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## DRAWING MOUNTS OR TABLETS.

Made of extrafine medium grain white paper mounted on extra heavy Board, with paper flap to protect sketches. For Drawing and Water Color Painting.

6x10 inches.....	per dozen, \$2.50	14x20 inches.....	per dozen, \$5.50
7x12 " .....	" 2.75	16x24 " .....	" 7.25
9x14 " .....	" 3.00	18x24 " .....	" 7.75
11x15 " .....	" 3.50		

## RAGGED EDGE CARDS.

Made of Rough White Water Color Paper.

2½x4¼ inches...per 100 cards,	\$0.60	5x7½ inches....per 100 cards,	\$1.75
3½x4½ " ... "	0.75	7x9 " .....	" 2.75
4½x6 " ... "	1.20	9x11 " .....	" 3.50

## WHITE MOUNTING BOARDS.

One eighth of an inch thick.

26½x38½ inches.....	per dozen, \$3.50
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## WHITE CARD BOARD.

Smooth Surface. For Mounting.

22x28 inches.....	per dozen sheets, \$1.20
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## FRENCH GELATINE PAPER.

In Sheets 17x21 inches.

Transparent, Colorless, Thin.....	per dozen sheets, \$2.40
" " Medium.....	" " 3.00
" " Thick.....	" " 3.60
" Blue, " .....	" " 3.60
" Green " .....	" " 3.60
" Red " .....	" " 3.60
" Yellow " .....	" " 3.60
Opaque White, mat on one side .....	" " 9.00

## FRENCH TINTED CRAYON PAPER.

Royal, 19x25 inches.....	per quire, \$1.10
Super Royal, 22x28 " .....	" 1.50

## ENGLISH TINTED CRAYON PAPER.

Imperial, 21x30 inches.....	per quire, \$2.50
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## MATERIALS FOR DRAWING.—Continued.

## FRENCH CHARCOAL PAPER.

Extrafine Quality.

Royal, 19x25 inches, White and Assorted Tints.....	per quire,	\$0.60
" 19x25 " Lalanne, White and Assorted Tints.....	"	1.00
" 19x25 " Michallet.....	"	0.90
" 19x25 " Allonge .....	"	1.75

## STEINBACH'S PAPER.

For Crayon Painting and Solar Printing.

54 inches wide, thin, in ten yard Rolls.....	per roll,	\$3.30
54 " " thick, " " " .....	"	5.00

## WHITE DRAWING PAPER.

IN ROLLS.

Fine German, 36 inches wide, 10 yards in roll .....	per roll,	\$1.25
" 36 " " in rolls of 25 to 50 pounds ....	per pound,	0.30
Egg Shell Surface, 56 inches wide, 10 yards in roll .....	per roll,	4.80

## TINTED DRAWING PAPER.

In Rolls of ten Yards.

Buff Color, for Detail Drawing, Stencilling &c., 36 inches wide..	per roll,	\$0.90
" " " " 40 "	" .. "	1.00
" " " " 54 "	" .. "	1.50
Original Rolls (from 75 to 125 pounds).....	per pound,	0.16

## FRENCH TRACING PAPER.

Vegetable, Extra Quality.

Cap.....	per quire,	\$0.75
Royal.....	"	2.00
Super Royal .....	"	2.50
43 inches wide, in rolls of 20 yards.....	per roll,	2.50

## Italian Gelatinous Tracing Paper.

19x23, very transparent..... per dozen sheets, \$3.00

## MATERIALS FOR DRAWING—Continued.

**TRACING CLOTH.**

In Rolls of 24 Yards, dull back.

30 inches wide, Union Brand.....	per roll,	\$6.90
36 " " "	"	7.60
42 " " "	"	10.50
30 " " Imperial Brand.....	"	6.90
36 " " "	"	7.60
42 " " "	"	10.50

**TRANSFER PAPER.**

Black, Blue, Green, Purple, Red, White, Yellow.

11x18 inches.....	per dozen sheets,	\$0.30
18x22 " .....	"	0.60

**Transparent Adhesive Tape**

For Fastening Tracing Paper, Transfer Paper, &amp;c.

in Rolls of from 20 to 25 yards,  $\frac{1}{4}$  in. wide.

Per dozen rolls .....		\$1.20
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**French White Bristol Boards.**

		2 ply.	3 ply.	4 ply.
Cap,	12 $\frac{1}{2}$ x16 $\frac{1}{2}$ inches .....	per dozen,	\$0.50	\$0.65
Demy,	15 $\frac{1}{2}$ x19 $\frac{1}{2}$ " .....	"	0.85	1.10
Medium,	17 x21 " .....	"	1.10	1.45
Royal,	19 x24 $\frac{1}{2}$ " .....	"	1.30	1.70
Super Royal,	21 x28 " .....	"	1.50	2.00

**Reynold's White Bristol Boards.**

		2 ply.	3 ply.	4 ply.
Cap,	12 $\frac{1}{2}$ x15 $\frac{1}{4}$ inches.....	per dozen,	\$0.75	\$1.25
Demy,	14 $\frac{1}{2}$ x18 $\frac{1}{4}$ " .....	"	1.25	1.75
Medium,	16 $\frac{1}{2}$ x20 $\frac{3}{4}$ " .....	"	1.50	2.45
Royal,	18 $\frac{1}{4}$ x22 $\frac{3}{8}$ " .....	"	1.80	3.25

**PORTFOLIOS.**

Strong Cloth Back and Heavy Paper Covers.

11x16 inches.....	per dozen,	\$6.00		20x26 inches.....	per dozen,	\$10.50
17x22 " .....	"	9.00		23x31 " .....	"	17.00

**LEATHER BACKS AND CORNERS, CLOTH SIDES,  
AND THREE INSIDE FLAPS.**

11x16 inches.....	per dozen,	\$12.00		20x26 inches.....	per dozen,	\$25.00
17x22 " .....	"	20.00		23x31 " .....	"	36.00

## MATERIALS FOR DRAWING – Continued.

**A. SARTORIUS & CO.'S SKETCH BLOCKS.**

These Blocks consist of sheets of paper, compressed so as to form an apparently solid block, but each sheet may be separated by passing a knife under its edge.

**FRENCH WHITE PAPER.****FOR PENCIL OR CRAYON.**

	Plain.	Bound.		Plain.	Bound.
3½x 5½ inches, per doz.,	\$2.25	\$5.50	9x12 inches, per doz.,	\$6.00	\$16.00
4 x 6½     "	2.40	7.00	10x14     "	"	7.50    18.00
5 x 7       "	2.65	7.75	14x20     "	"	13.00   27.00
7 x10       "	4.30	12.00			

**FRENCH TINTED PAPER.****FOR PENCIL OR CRAYON.**

	Plain.	Bound.		Plain.	Bound.
3½x 5½ inches, per doz.,	\$2.75	\$6.60	9x12 inches, per doz.,	\$8.40	\$17.00
4 x 6½     "	3.25	7.50	10x14     "	"	10.20   21.00
5 x 7       "	3.50	8.40	14x20     "	"	18.00   37.00
7 x10       "	5.50	13.50			

**WHATMAN'S PAPER****FOR WATER COLORS.**

	Plain.	Bound.
3½x 5½ inches, per doz.,	\$3.60	\$7.20
4½x 6½     "	4.00	8.40
5 x 7       "	4.50	10.00
7 x10       "	8.25	16.00
9 x12       "	11.00	22.00
10 x14      "	16.80	27.00
14 x20      "	32.00	48.00

**MADE OF EXTRA HEAVY PAPER  
FOR WATER COLORS.**

	Plain.	Bound.
5x 7 inches, per doz.,	\$8.00	\$13.00
7x10     "	"	15.00
9x12     "	"	24.00
10x14    "	"	30.00
14x20    "	"	57.00
		72.00

## MATERIALS FOR DRAWING—Continued.

## A. SARTORIUS &amp; CO.'S SKETCH BLOCKS.—Continued.

**ENGLISH TINTED PAPER.**

For Pencil, Crayon, or Water Colors.

	Plain.	Bound		Plain.	Bound
5x 7 inches.. per dozen,	\$ 4.50	\$ 9.00	10x14 inches, per dozen,	\$13.80	\$26 00
7x10 " " "	7.50	16.00	14x20 " " "	25.80	44.00
9x12 " " "	11.40	21.00			

**FRENCH CHARCOAL PAPER.**

For Charcoal or Crayon.

	Plain.	Bound		Plain.	Bound
5x 7 inches.. per dozen,	\$3.40	\$ 8.00	10x14 inches, per dozen,	\$ 8.75	\$20.00
7x10 " " "	4.75	12.00	12x18 " " "	11.40	26.00
9x12 " " "	6.00	15.50			

**FRENCH CANVAS COVERED SKETCH BOOKS.**

Made of Superior French White Paper for Drawing and Water Color Painting.

Flexible Covers. 46 Leaves in the Book.

3 $\frac{1}{4}$ x5 inches.....per dozen,	\$2.40	6 $\frac{1}{8}$ x 9 $\frac{1}{4}$ inches.....per dozen,	6.75
4 $\frac{1}{8}$ x6 $\frac{1}{4}$ " ....." "	4.00	6 $\frac{1}{2}$ x10 $\frac{1}{4}$ " ....." "	8.50
5 $\frac{1}{2}$ x8 $\frac{1}{2}$ " ....." "	6.00		

## MATERIALS FOR DRAWING -Continued.

## A. SARTORIUS &amp; CO.'S SKETCH BOOKS.

## FRENCH WHITE PAPER.

## Cloth Bound.

$3\frac{1}{2} \times 5\frac{1}{2}$ inches.....	per dozen, \$2.85	$7 \times 10$ inches.....	per dozen, \$6.75
4 x $6\frac{1}{2}$ " .....	" 3.50	9x12 " .....	" 8.75
5 x 7 " ....." "	4.50	10x14 " .....	" 11.50
$6\frac{1}{2} \times 8\frac{1}{2}$ " .....	" 5.75		

## FRENCH TINTED PAPER.

## Cloth Bound.

$3\frac{1}{2} \times 5\frac{1}{2}$ inches.....	per dozen, \$3.75	$7 \times 10$ inches.....	per dozen, \$8.50
4 x $6\frac{1}{2}$ " .....	" 4.20	9x12 " .....	" 10.50
5 x 7 " ....." "	5.10	10x14 " .....	" 12.00
$6\frac{1}{2} \times 8\frac{1}{2}$ " .....	" 7.00		

## WHATMAN'S PAPER.

## For Water Colors.

$3\frac{1}{2} \times 5\frac{1}{2}$ inches.....	per dozen, \$4.75	$7 \times 10$ inches.....	per dozen, \$11.00
4 x $6\frac{1}{2}$ " .....	" 5.75	9x12 " .....	" 16.00
5 x 7 " ....." "	7.00	10x14 " .....	" 19.80
$6\frac{1}{2} \times 8\frac{1}{2}$ " .....	" 9.00		

## ENGLISH TINTED PAPER.

## For Pencil, Crayon, or Water Color.

$3\frac{1}{2} \times 5\frac{1}{2}$ inches.....	per dozen, \$3.75	$7 \times 10$ inches.....	per dozen, \$10.00
4 x $6\frac{1}{2}$ " .....	" 5.00	9x12 " .....	" 14.00
5 x 7 " ....." "	6.00	10x14 " .....	" 18.00
$6\frac{1}{2} \times 8\frac{1}{2}$ " .....	" 8.00		

## FRENCH WHITE PAPER.

## Flexible Morocco Covers, round Corners.

$3\frac{1}{4} \times 6\frac{1}{2}$ inches .....	per dozen, \$6.00
4 x 7 " .....	" 7.00
$4\frac{3}{4} \times 8$ " .....	" 8.40

## FRENCH TINTED PAPER.

## Flexible Morocco Covers, round Corners.

$3\frac{1}{4} \times 6\frac{1}{2}$ inches .....	per dozen, \$6.00
4 x 7 " .....	" 7.00
$4\frac{3}{4} \times 8$ " .....	" 8.40

## MATERIALS FOR DRAWING.—Continued.

**A. W. FABER'S LEAD PENCILS.****HEXAGON SIBERIAN POLYGRADES.**

H, 2H, 3H, 4H, 6H, F, HB, B, 2B.....	per gross, \$15.00
3B, 4B.....	" 18.00
6B .....	" 21.00

**ENGLISH NATURAL SILVER POLYGRADES.**

H, 2H, 3H, 4H, F, HB, B, 2B, 3B, 4B.....	per gross, \$7.20
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**HEXAGON GILT PENCILS.**

Nos. 1, 2, 3, 4, and 5.....	per gross, \$9.90
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**ROUND GILT PENCILS.**

Nos. 1, 2, 3, and 4.....	per gross, \$7.20
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**TUBULAR PENCILS, WITH MOVABLE LEADS.**

Siberian polygrades, 6H to 2B.....	per dozen, \$3.00
"      "      3B, 4B.....	" 3.40
"      "      6B.....	" 3.75
Hexagon, gilt, Nos. 1 to 5.....	" 2.10
"      "      Medium .....	" 1.80
"      "      Small.....	" 1.50

**LEADS FOR FABER'S TUBULAR PENCILS.**

Siberian, 6H to 2B, 6 leads in box.....	per dozen boxes, \$7.50
"      "      3B, 4B,      "      ".....	" " 8.25
"      "      6B,      "      ".....	" " 9.75

For Hexagon, Nos. 1 to 5, 6 leads in box..... " " 3.90

**FOR MATHEMATICAL INSTRUMENTS.**

Hexagon, No. 4.....	per gross, \$9.00
Round, gilt, No. 4.....	" 6.00

**COLORED PENCILS.**

Blue, large extra.....	per gross, \$12.00
Blue and Red, large extra.....	" 16.50
Carmine, large extra.....	" 13.50

## MATERIALS FOR DRAWING—Continued.

**A. W. FABER'S  
LEAD PENCILS IN BOXES  
SIBERIAN POLYGRADES.**

5 in a box.....	per dozen boxes,	\$12.00
7 " "	" "	15.00
10 " "	" "	21.00
5 " with knife and rubber .....	" "	15.00

**ENGLISH NATURAL SILVER POLYGRADES.**

5 in a box.....	per dozen boxes,	\$ 6.75
7 " "	" "	8.15
10 " "	" "	9.75
5 " with knife and rubber .....	" "	12.35

**A. W. FABER'S  
BLACK CHALK POINTS.**

Nos. 1, 2 and 3.....	per dozen boxes, six points in box,	\$1.80
Holders for same .....	per dozen,	3.75

**A. W. FABER'S  
BLACK ARTISTS' RUBBER.**

8, 20, 40 and 60 pieces to the pound .....	per pound,	\$3.00
Pure Virgin, assorted sizes.....	"	3.00

**A. W. FABER'S  
WHITE ARTISTS' RUBBER.**



4, 8, 12, 20, 40 and 60 pieces to the pound .....	per pound,	\$1.50
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**A. W. FABER'S  
KNEADED RUBBER.**

Per dozen pieces.....	.....	\$1.20
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**BURNT RUBBER.**

Per dozen boxes .....	.....	\$1.00
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## MATERIALS FOR DRAWING—Continued.

## SPONGE RUBBER.

## FOR PAPER AND GLOVE CLEANING.

Size, $1\frac{1}{2}$ x2x1 inches.....	per dozen, \$ 3.20
" 2 x3x1 " .....	" 6.40
" 3 x4x1 " .....	" 12.00
" 4 x6x1 " .....	" 24.00
Glove Cleaners, $1\frac{3}{4}$ x2 $\frac{1}{8}$ inches .....	" 4.00

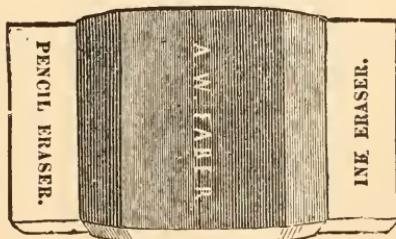
## INK ERASERS.



IN BOXES OF 25 OR 50 PIECES.

A. W. Faber's, small.....	per 100, \$4.20
" large .....	" 7.50

## Ink and Pencil Erasers, in Wood.



A. W. Faber's, small, in boxes of one dozen .....	per box, \$1.50
" large, " " " .....	" 2.50

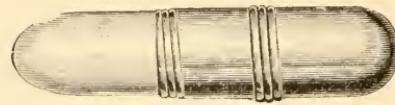
## MATERIALS FOR DRAWING—Continued.

**Artists' Reversible Pocket Rubbers**

in Nickel-plated Cases.



Original Size.



Per dozen.....	.....	\$1.80
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**Extrafine French Nigrivorine Stomps.**

Red Celluloid Centre.



Original Size.

Per dozen.....	.....	\$3.50
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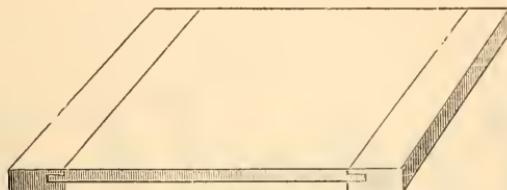
**Nigrivorine Rubber Stomps.**

No. 1. Nigrivorine, large.....	.....	per dozen, \$0.90
" 2. " medium.....	.....	" 0.70
" 3. " small.....	.....	" 0.50

## MATERIALS FOR DRAWING—Continued.

## DRAWING BOARDS.

Extra Quality.



Made of thoroughly kiln-dried Lumber, with Hard Wood or Pine Cleats.

12x16 inches.....	each, \$0 70	20x25 inches.....	each, \$1.50
14x18 " "	0.82	22x31 " "	1.75
16x20 " "	1.05	25x34 " "	2 10
18x22 " "	1.17	27x41 " "	3.85

## STRAIGHT EDGES.

MAPLE WOOD.

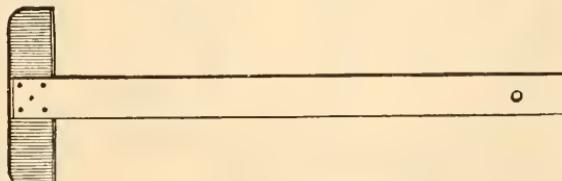


Bevelled Edge, extra thick.

15 inches.....	per dozen, \$2.00	42 inches.....	per dozen, \$ 5.00
18 " "	2.50	48 " "	6.00
21 " "	3.00	54 " "	7.00
24 " "	3.50	60 " "	8.00
30 " "	4.00	72 " "	10.00
36 " "	4.50		

## T SQUARES.

MAPLE WOOD.



FIXED HEAD.

15 inches.....	per dozen, \$1.90	24 inches.....	per dozen, \$3.50
18 " "	2.40	30 " "	4.00
21 " "	3.00	36 " "	4.50

MOVABLE HEAD.

15 inches.....	per dozen, \$4.15	24 inches.....	per dozen, \$ 7.00
18 " "	5.25	30 " "	8.25
21 " "	6.25	36 " "	10.00

## MATERIALS FOR DRAWING—Continued.

## TRIANGLES.—MAPLE, SOLID.

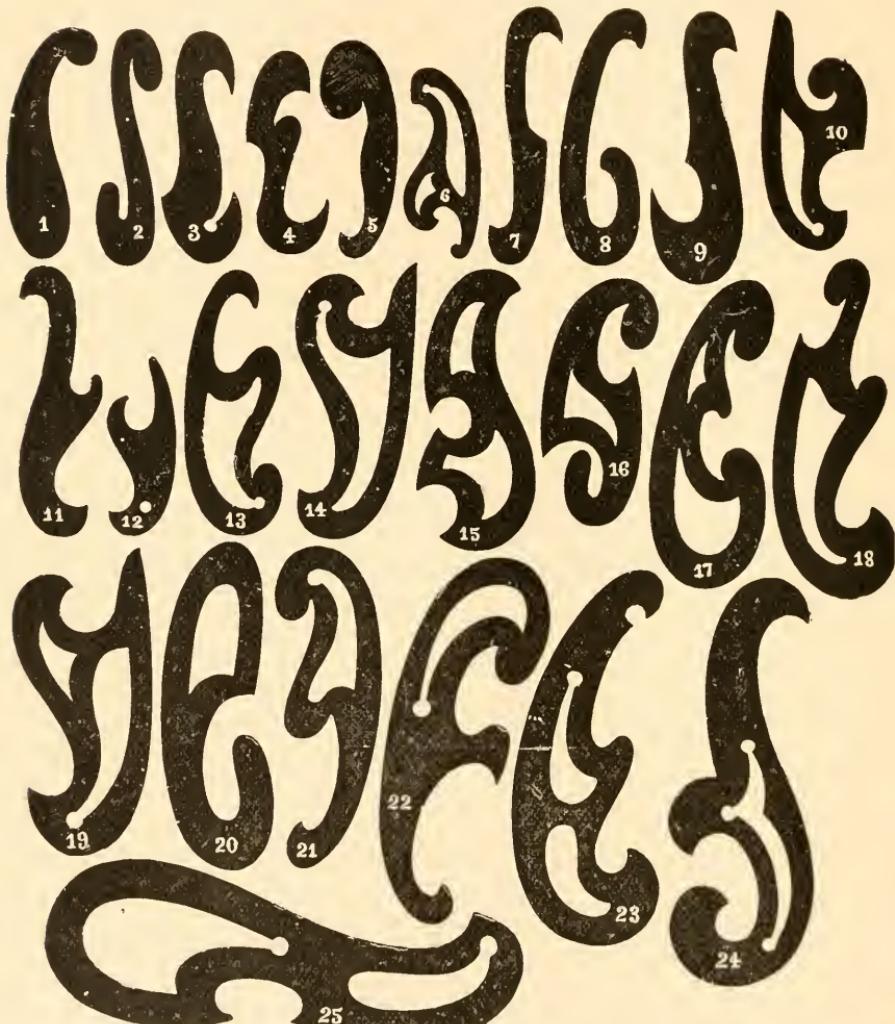
## Thirty and Sixty Degrees.

4 inches.....	per dozen, \$0.50
5 " "	0.70
6 " "	0.90
7 " "	1.20
8 " "	1.40
9 " "	1.60
10 " "	1.80

## Forty-five Degrees.

4 inches.....	per dozen, \$0.70
5 " "	0.90
6 " "	1.20
7 " "	1.40
8 " "	1.60
9 " "	1.80
10 " "	2.00

## IRREGULAR CURVES.—MADE OF WOOD.



No. 1. Per dozen.....	\$1.35	No. 10. Per dozen.....	\$3.40	No. 19. Per dozen .....	\$3.95
" 2. " .....	2.25	" 11. " .....	2.80	" 20. " .....	3.65
" 3. " .....	2.00	" 12. " .....	2.25	" 21. " .....	3.85
" 4. " .....	2.50	" 13. " .....	2.50	" 22. " .....	3.95
" 5. " .....	2.50	" 14. " .....	2.95	" 23. " .....	4.05
" 6. " .....	2.80	" 15. " .....	2.90	" 24. " .....	4.50
" 7. " .....	2.80	" 16. " .....	2.90	" 25. " .....	5.50
" 8. " .....	2.80	" 17. " .....	3.65		
" 9. " .....	2.80	" 18. " .....	3.95		

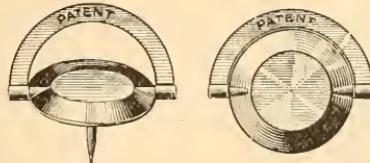
## MATERIALS FOR DRAWING—Continued.

## UNION THUMB TACKS.

*Oval Heads. Brass or German Silver. Riveted so as to prevent top of pins from pushing through the head or pulling out.*

	BRASS. GERMAN SILVER	Per gross. Per gross
No. 1, head $\frac{3}{8}$ of an inch in diameter.....	\$1.00	\$1.50
" 2, " $\frac{1}{2}$ " " "	1.10	1.65
" 3, " $\frac{5}{8}$ " " "	1.25	1.85

## Patent Brass Thumb Tacks.



*No trouble in getting them out of the Board, as above illustration shows.*

Head,  $\frac{1}{2}$  inch in diameter .... per dozen, \$0.25

## Wood Top Thumb Tacks.



No. 1.

No. 2.

No. 3.

Original Size.

No. 1 .....	per dozen, \$0.20
" 2 .....	" 0.25
" 3 .....	" 0.30

## DRAWING PENS.



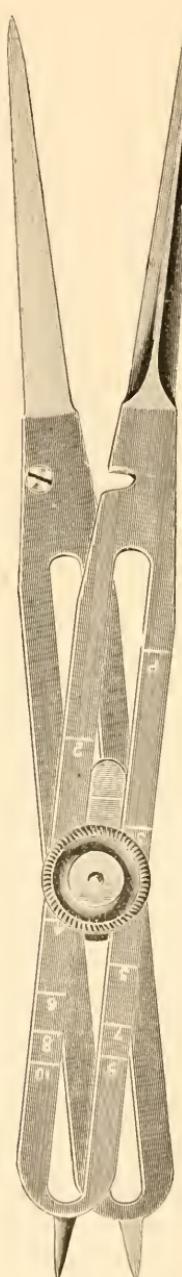
No. 1. Brass mounting, black handle.....	per dozen, \$2.40
" 2. " " ivory handle .....	" 4.00
" 3. German Silver mounting, 4 to 6 inches long, medium finish, hinge to pen.....	4.80
" 4. German Silver mounting, 4 to 6 inches long, fine finish, hinge to pen.....	6.00
" 5. German Silver mounting, 4 to 6 inches long, fine finish, hinge to pen and portracting pin.....	9.00

## MATERIALS FOR DRAWING—Continued.

## PROPORTIONAL DIVIDER.

Extrafine Brass Finish.  $6\frac{1}{2}$  inches long.

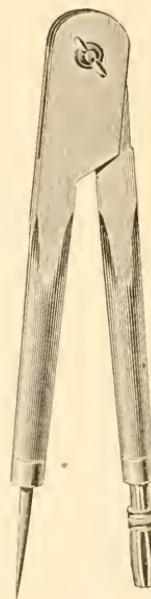
IN VELVET LINED CASES.



ORIGINAL SIZE.

Each..... \$2.50

## WOOD DIVIDER WITH BRASS CRAYON HOLDER.

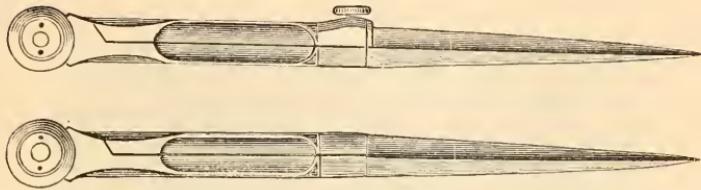


12 inches long..... \$0.85  
each, \$0.85

For other Dividers see page 155 of Catalogue.

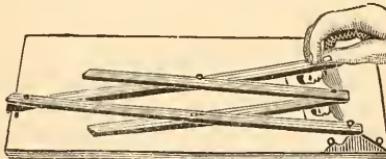
## MATERIALS FOR DRAWING—Continued.

## BRASS DIVIDERS.



$4\frac{1}{2}$	inches, with rivet joint .....	per dozen,	\$2.50
$5\frac{1}{2}$	" "	"	3.00
$6\frac{1}{2}$	" "	"	3.60
$4\frac{1}{2}$	" screw joint .....	"	3.60
$5\frac{1}{2}$	" "	"	4.50
$6\frac{1}{2}$	" "	"	5.40
$4\frac{1}{2}$	" "	and pencil leg .....	4.80
$5\frac{1}{2}$	" "	" "	6.00
$6\frac{1}{2}$	" "	" "	7.20
$4\frac{1}{2}$	" screw joints, with pen, pencil point, and lengthening bar .....	"	7.20
$6$	inches, with screw joints, with pen, pencil point, and lengthening bar .....	"	9.00

## PANTOGRAPHS.

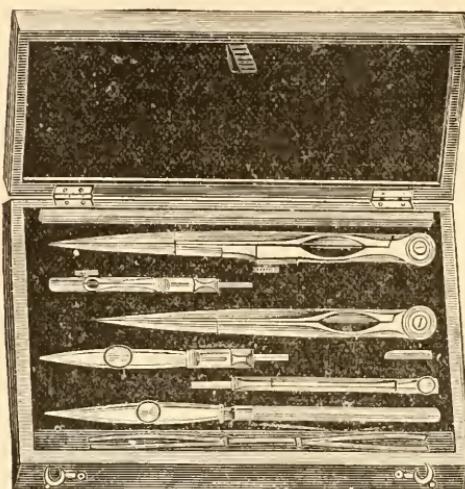


No. 1.	Boxwood, extrafine .....	each,	\$2.00
" 2.	" fine .....	"	1.50
" 3.	" medium fine .....	"	1.00
" 4.	" ordinary .....	"	0.25

## DIRECTIONS.

The foot of the instrument is fastened to the drawing board on the left; to the right is fastened the drawing paper, and at the left of this is fastened the copy to be drawn from. The metal point rests on the picture, or other object to be copied, and by guiding the point over the lines and shadings of the picture, the pencil held in the hand, having a corresponding movement, copies as fast as the metal point traces the picture. By observing the above engraving, it will be seen that the screw eyes are in No. 4 on all the bars; this enlarges the copy four times. To enlarge the drawing ten times, place screws in No. 10 on all four bars. If it is desired to make a very large drawing from a small copy, take a sketch upon a small sheet, then use the sketch to enlarge from.

## MATERIALS FOR DRAWING—Continued.

**MATHEMATICAL INSTRUMENTS.****BRASS, IN CASES FOR SCHOOLS.****No. 3.**

- No. 1. Polished Wood, containing pair  $4\frac{1}{2}$  inch Brass Dividers, with pen and pencil point...per dozen, \$6.00
- No. 2. Polished Wood, containing pair  $4\frac{1}{2}$  inch Brass Dividers, with pen and pencil point, and lengthening bar, Ebony Handle Drawing Pen, Brass Crayon Holder, Brass Protractor, Box-wood Scale.....per dozen, 10.00
- No. 3. Polished Wood, containing pair  $4\frac{1}{2}$  inch Brass Dividers, with pen and pencil point and lengthening bar, pair  $3\frac{1}{2}$  inch Dividers, Boxwood Scale, Brass Protractor, Ebony Handle Drawing Pen, Brass Crayon Holder.....per dozen, 12.00
- No. 4. Polished Wood, containing pair  $5\frac{1}{4}$  inch Brass Dividers, with pen and pencil point and lengthening bar, pair  $4\frac{1}{2}$  inch Brass Dividers, Drawing Pen, Brass Protractor, Crayon Holder, Boxwood Scale.....per dozen, 18.00
- No. 5. Polished Wood, containing pair  $6\frac{1}{4}$  inch Brass Dividers, with pen and pencil point and lengthening bar, pair 4 inch Brass Dividers plain, pair  $3\frac{1}{2}$  inch Dividers, with needle point, pen and pencil point, Drawing Pen, Brass Protractor, Boxwood Scale.....per dozen, 27.00

## MATERIALS FOR DRAWING—Continued.

## MATHEMATICAL INSTRUMENTS.—CONTIN'D.

BRASS, IN CASES FOR SCHOOLS.



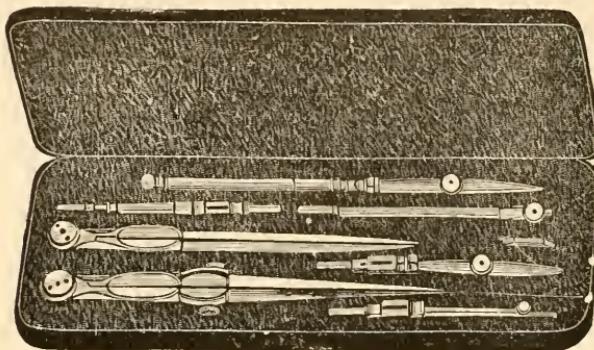
No. 6.

- No. 6. Finely Polished Wood, Lock and Key, containing Tray holding pair  $6\frac{1}{4}$  inch Brass Dividers, with pen and pencil point and lengthening bar, pair  $4\frac{1}{2}$  inch Dividers, plain, pair  $3\frac{1}{2}$  inch Brass Dividers, with needle point, pen and pencil point, Drawing Pen, Brass Protractor, Wood Scale....per dozen, \$30.00
- No. 7. Finely Polished Wood, Lock and Key, containing Tray holding pair  $6\frac{1}{4}$  inch Brass Dividers, with pen and pencil point and lengthening bar, pair  $4\frac{1}{2}$  inch plain Dividers, pair 4 inch Dividers, with pen and pencil point, pair  $3\frac{1}{2}$  inch Dividers, with needle point, pen and pencil point, Drawing Pen, Brass Protractor, Horn Protractor, Wood Scale per dozen, 48.00
- No. 8. Finely Polished Wood, Lock and Key, containing Tray with pair  $6\frac{1}{2}$  inch needle point Dividers, with pen and pencil point, and lengthening bar, and Patent Pencil Holder, pair  $4\frac{3}{4}$  inch plain Dividers, pair  $4\frac{1}{4}$  inch Divider, with needle point, pen and Pencil Holder, Spring Bow Pen w th needle point, Brass Box with Pencils, Drawing Pen, Brass Protractor, Horn Protractor, Wood Scale .per dozen, 72.00

## MATERIALS FOR DRAWING—Continued.

## MATHEMATICAL INSTRUMENTS—Contin'd.

## GERMAN SILVER, IN CASES.



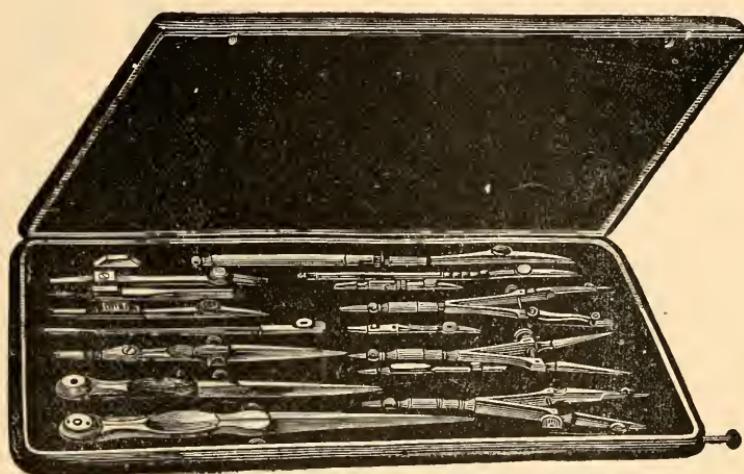
No. 4.

- No. 1. Morocco Case, containing  $4\frac{3}{4}$  inch Divider, with needle point, Pen, Pencil holder and Patent pencil point, Box of Pencils, Drawing Pen with Ivory Handle, Wood Scale..... each, \$3.00
- No. 2. Morocco Case, containing  $5\frac{1}{4}$  inch Divider, with Pen, Pencil holder and Patent pencil point, lengthening bar, Box of pencils, Drawing Pen with Ivory Handle, Wood Scale..... each, 4.00
- No. 3. Morocco Case, containing  $5\frac{1}{4}$  inch Divider, Pen, Pencil holder with Patent pencil point and lengthening bar, 5 inch plain Divider, Box of pencils, Drawing pen with Ivory Handle, Wood Scale..... each, 5.00
- No. 4. Morocco Case, containing  $5\frac{1}{4}$  inch Divider, with Pen and Pencil holder, with patent pencil point, lengthening bar, Spring Bow Pen with needle point, Box of pencils, Drawing Pen, with Ivory Handle, Wood Scale..... each, 6.00

## MATERIALS FOR DRAWING—Continued.

## MATHEMATICAL INSTRUMENTS—Contin'd.

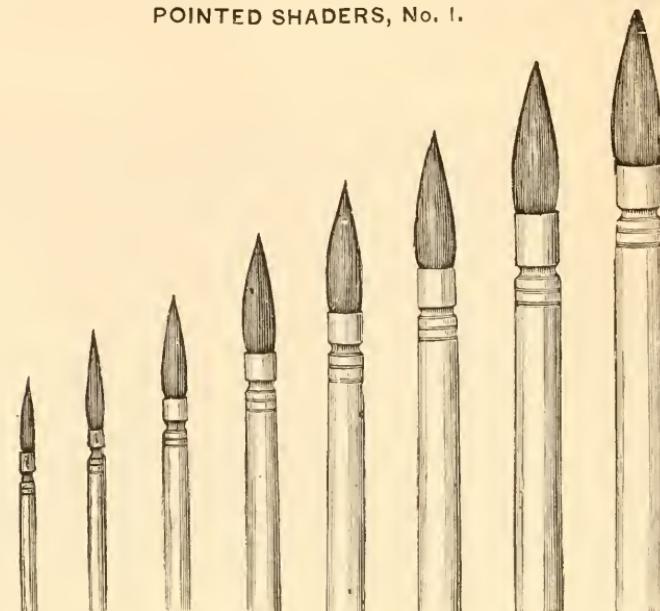
GERMAN SILVER, IN CASES.



No. 6.

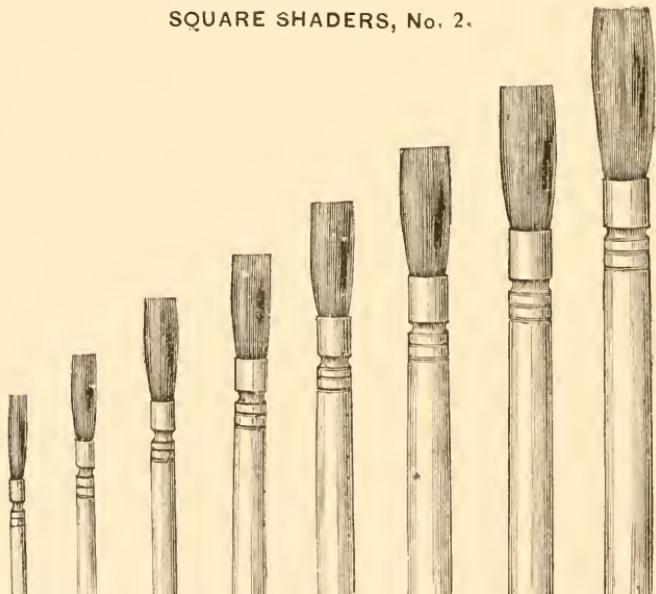
- No. 5. Morocco Case, containing  $5\frac{1}{4}$  inch Divider, with pen, pencil holder, with Patent pencil point, lengthening bar, Spring Bow Pen, with needle point, 5 inch plain Divider, Drawing Pen with Ivory Handle, Box of Pencils, Wood Scale . . each, \$10.00
- No. 6. Morocco Case, containing  $5\frac{1}{4}$  inch Divider, with pen, pencil holder with pencil point, lengthening bar,  $5\frac{1}{4}$  inch plain Divider, Spring Bow Pen with needle point, two  $5\frac{1}{4}$  inch Drawing pens, Box of pencils, Wood Scale . . . . . each, 12.00
- No. 7. Morocco Case, containing  $5\frac{1}{2}$  inch Divider, with needle point, pen and pencil holder with Patent pencil point, lengthening bar,  $5\frac{1}{2}$  inch plain Divider, Spring Bow Pen, with needle point and pencil holder, one 6 inch Drawing pen, one  $4\frac{1}{2}$  inch Drawing pen with Ivory Handle, Box of pencils, Wood Scale . . . . . each, 18.00

**BRUSHES AND PENCILS FOR CHINA PAINTING.**  
**SUPERFINE FRENCH CAMEL HAIR PENCILS.**  
**POINTED SHADERS, No. 1.**



## ORIGINAL SIZES OF PENCILS.

SQUARE SHADERS, No. 2.



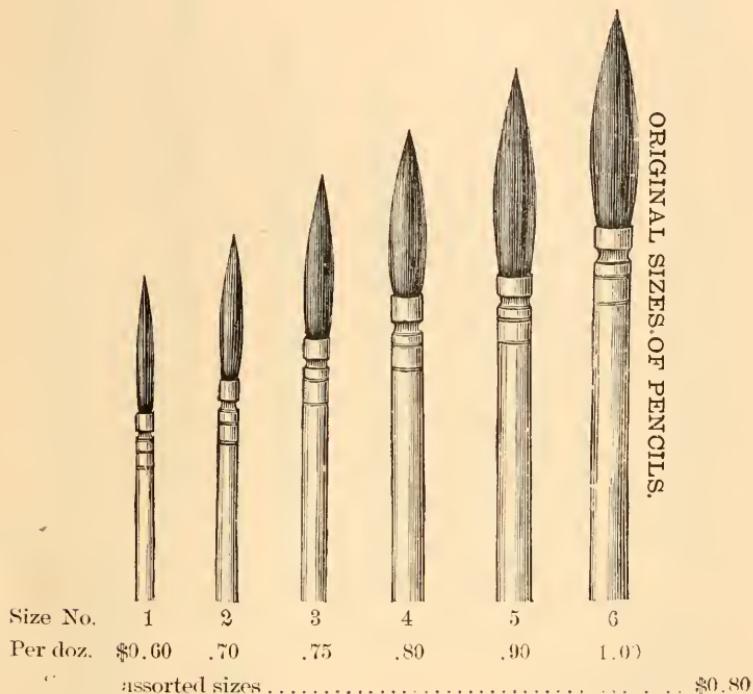
## ORIGINAL SIZES OF PENCILS

Size No. 1 2 3 4 5 6 7 8  
Per doz. \$0.60 .70 .75 .80 .90 1.00 1.10 1.20  
" assorted sizes ..... \$0.90

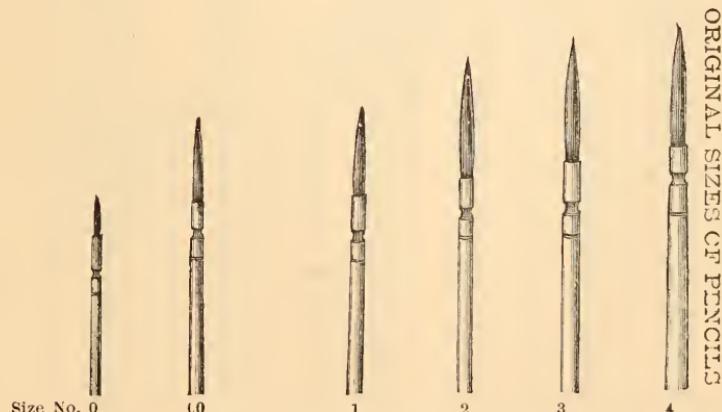
## BRUSHES AND PENCILS FOR CHINA PAINTING.—Con'd.

## SUPERFINE FRENCH CAMEL HAIR PENCILS—Con'd.

## TRACERS No. 3.



## OUTLINING OR LETTERING BRUSHES No. 4.

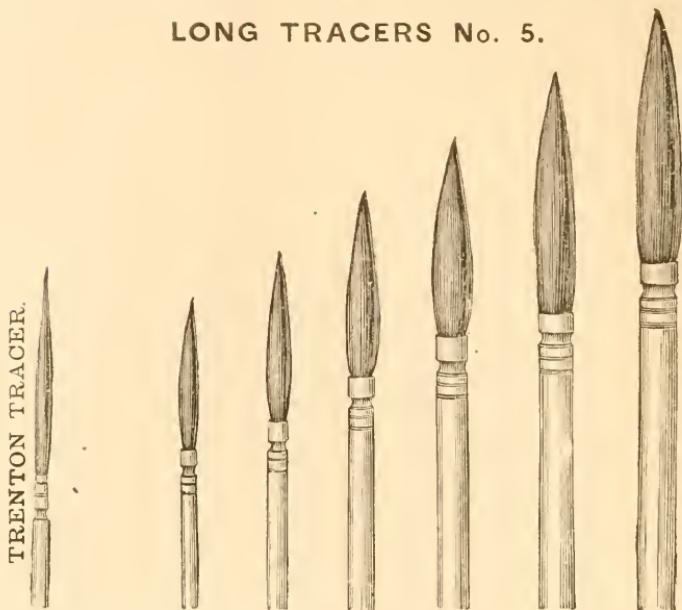


## FOR WATCH DIAL PAINTING.

Per dozen.....\$0.65

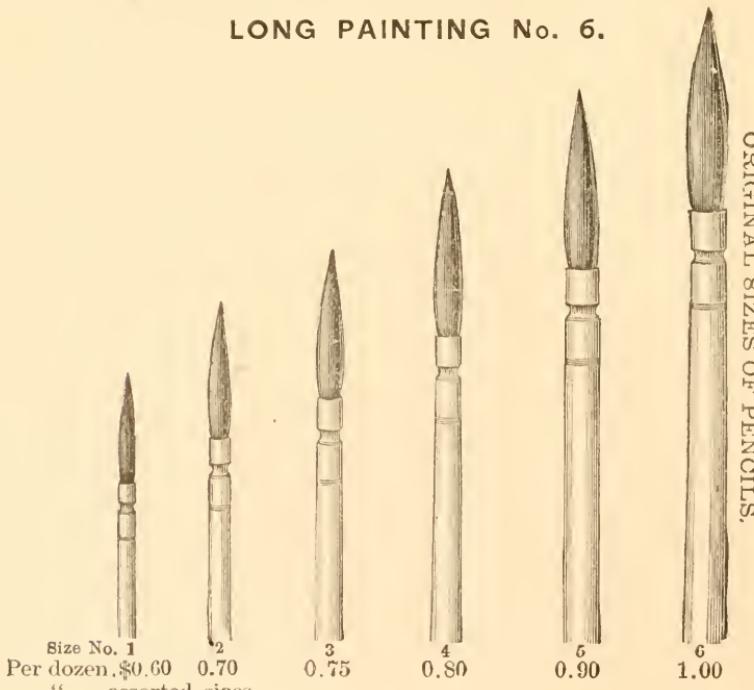
BRUSHES AND PENCILS FOR CHINA PAINTING—Cont'd  
SUPERFINE FRENCH CAMEL HAIR PENCILS—Cont'd.

## **LONG TRACERS No. 5.**



Per dozen \$0.75      Size No. 1      2      3      4      5      6  
       "      0.60      0.70      0.75      0.80      0.90      1.00  
       "      assorted sizes ..... \$0.80

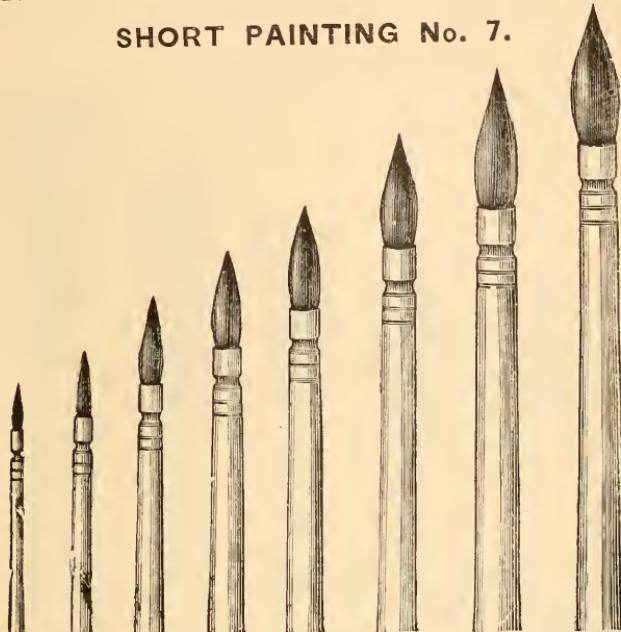
**LONG PAINTING No. 6.**



Size No. 1      2      3      4      5      6  
 Per dozen .60    .70    .75    .80    .90    1.00  
 " assorted sizes . . . . . \$0.80

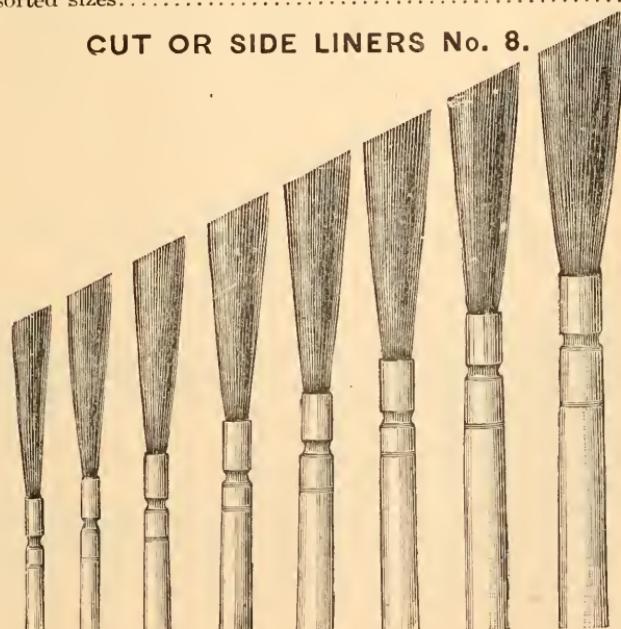
**BRUSHES AND PENCILS FOR CHINA PAINTING—Cont'd  
SUPERFINE FRENCH CAMEL HAIR PENCILS—Cont'd**

## **SHORT PAINTING No. 7.**



ORIGINAL SIZES OF PENCILS.

## CUT OR SIDE LINERS No. 8.

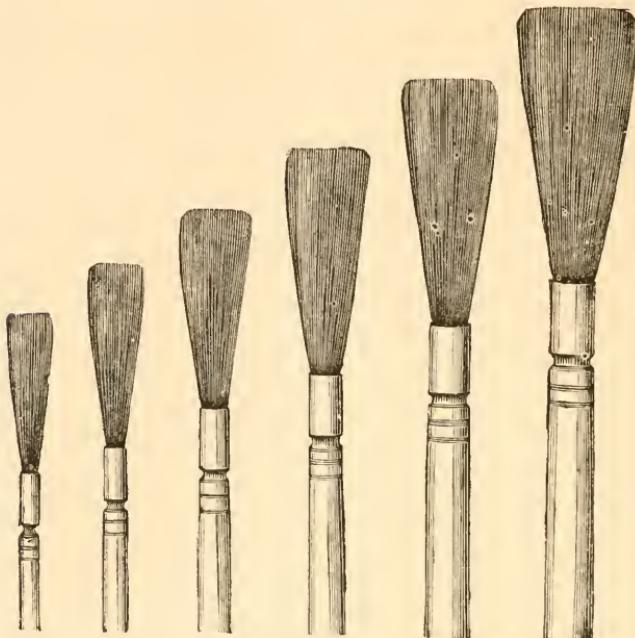


## ORIGINAL SIZES OF PENCILS.

**BRUSHES AND PENCILS FOR CHINA PAINTING.—Con'd**  
**SUPERFINE FRENCH CAMEL HAIR PENCILS.—Con'd.**

**SQUARE LINERS No. 9.**

ORIGINAL SIZES OF PENCILS.

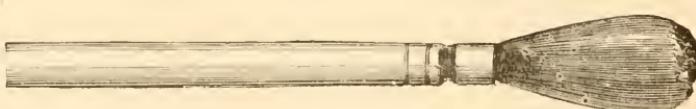


Size No.	1	2	3	4	5	6	
Per doz.	\$0.70	.75	.80	.90	1.00	1.20	
" assorted sizes.....							\$0.90

**FOR PAINTING GROUNDS.**

ORIGINAL SIZES OF PENCILS.

No. 10



No. 11



No. 10, Round.....	per dozen, \$1.50
" 11, Square.....	" 1.50

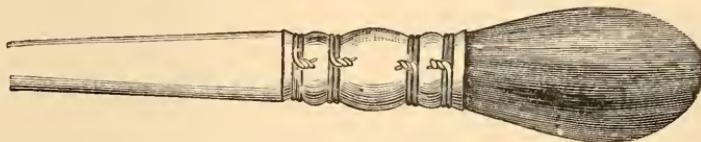
## BRUSHES AND PENCILS FOR CHINA PAINTING—Con'd.

SUPERFINE  
FRENCH CAMEL HAIR BRUSHES.

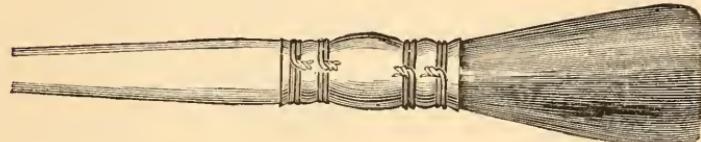
*FOR PAINTING GROUNDS, large.*

ORIGINAL SIZES OF BRUSHES.

No. 12



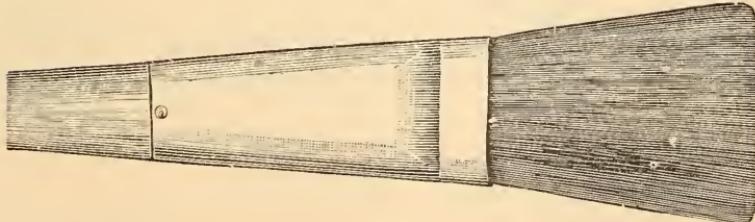
No. 13



No. 12, Wire bound quills, wood handles, round... per doz. \$3.00  
 " 13, " " " " " square.. " 3.00

**FLAT FOR OILING GROUNDS No. 14.**

SIZE OF No. 6.



Tin Ferrules, round wood handles.

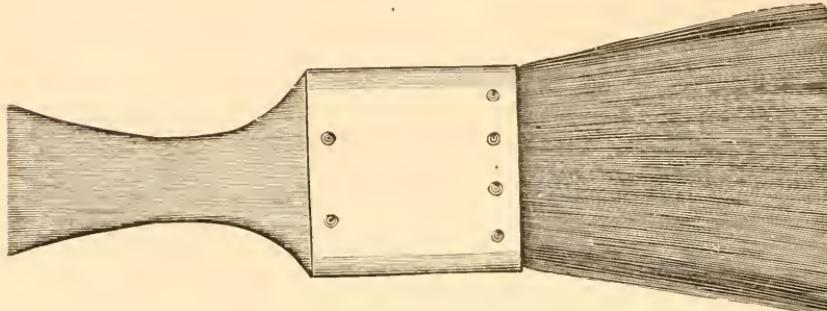
No.	0	2	4	6	8	10	11	12
Per doz.	\$1.60	1.85	2.65	3.80	5.65	7.60	9.00	11.00

BRUSHES AND PENCILS FOR CHINA PAINTING  
(Continued.)

SUPERFINE FRENCH CAMEL HAIR BRUSHES—Cont'd.

**FLAT LUSTRE BRUSHES No. 14B.**

SIZE OF 1 INCH FERRULE.



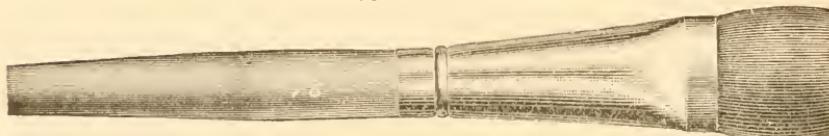
Thin, for applying Lustres and laying on Grounds.

TIN FERRULES, FLAT WOOD HANDLE.

	Per doz.
½ in. Ferrule .....	\$2.00
¾ in. Ferrule .....	3.00
1 in. Ferrule .....	4.00
1¼ in. Ferrule .....	5.50
1½ in. Ferrule .....	7.00
1¾ in. Ferrule .....	8.50
2 in. Ferrule .....	10.00

**TINTING BRUSHES No. 14C.**

SIZE OF  $\frac{5}{8}$  INCH FERRULE.



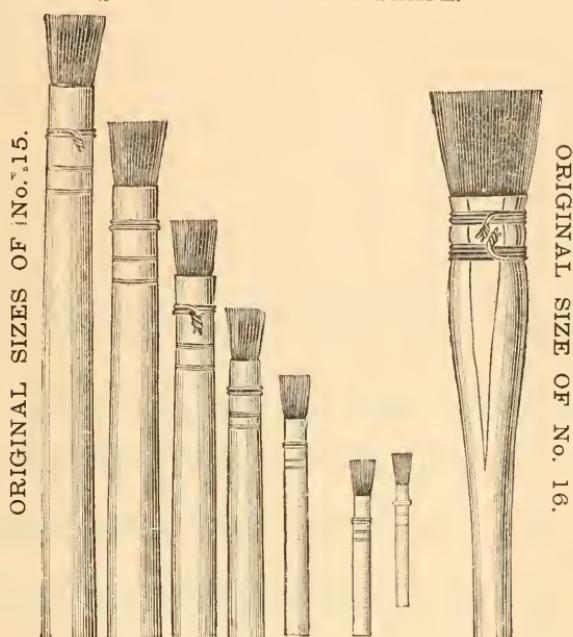
FLAT, SHORT HAIR TIN FERRULES,  
*round polished wood handles.*

	Per doz.
¾ in. Ferrule .....	\$1.35
½ in. Ferrule .....	1.50
5/8 in. Ferrule .....	1.80
¾ in. Ferrule .....	2.25
¾ in. Ferrule .....	2.65
1 in. Ferrule .....	3.00

## BRUSHES AND PENCILS FOR CHINA PAINTING—Cont'd.

## Genuine Fitch Hair Stipplers or Dabbers No. 15 and 16.

SQUARE OR DEERFOOT SHAPE.



No. 15. Size No. 7    6    5    4    3    2    1    No. 16, two quills.

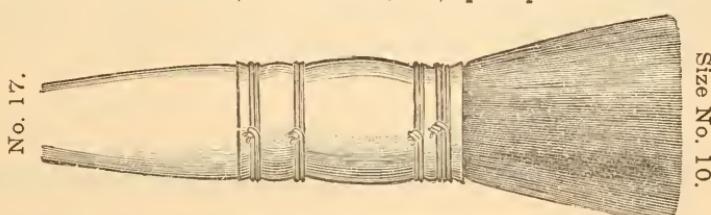
Per dozen.....\$1.75 1.55 1.40 1.20 1.00 0.85 0.75

" assorted sizes.....\$1.25

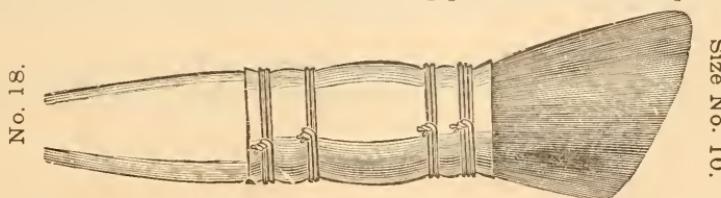
No. 16. Per dozen.....3.50

## Genuine Fitch Hair Stipplers or Dabbers No. 17 and 18.

In Wood Handles, Wire Bound Quills, square points No. 17.



In Wood Handles, Wire Bound Quills, slanting points or Deerfoot shape No. 18.



Size No.	2	4	6	8	10	12	20
Per dozen	\$3.25	4.75	7.50	9.00	12.00	15.00	36.00

**BRUSHES AND PENCILS FOR CHINA PAINTING**  
 (Continued.)

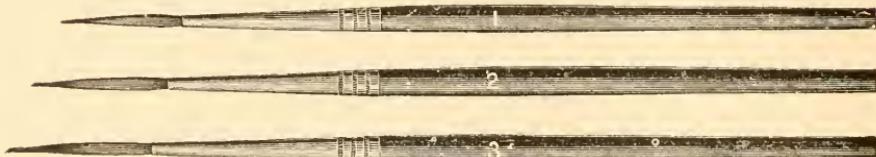
**Miniature Red Sable Pencils No. 19.**  
 IN QUILLS.

**Very small. For Watch Dial Painting, Fine Outlining, etc.**

Price, per dozen.....\$1.50

**Extrafine Red Sable Brushes No. 20.**

*Specially made for putting on Paste for Relief Gold Work  
 and Relief Enamel.*

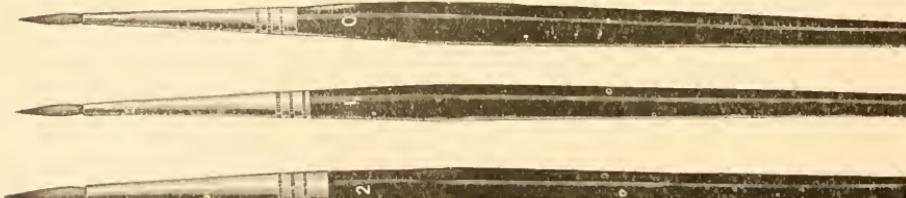


**Round, Polished Handles, Nickel-plated Ferrules.**

No. 1. Per dozen.....	\$1.00
" 2. " .....	1.15
" 3. " .....	1.30

**Extrafine Red Sable Brushes No. 20 B.**  
 (SHORT.)

**For Paste and Enamel Work. Also for Outlining:**



**Round, Polished Handles, Nickel-plated Ferrules.**

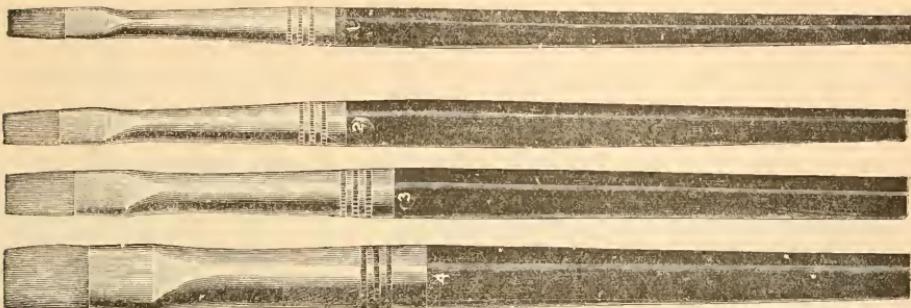
No. 00. Per dozen (extra thin).....	\$1.00
" 0. " .....	1.00
" 1. " .....	1.15
" 2. " .....	1.30

## BRUSHES AND PENCILS FOR CHINA PAINTING

(Continued.)

**Flat Russian Sable Painting Brushes, No. 21.**

FOR BROAD PAINTING AND BANDING.



POLISHED HANDLES. NICKEL-PLATED FERRULES.

No. 1.	Per dozen	.....	\$1.20
" 2.	"	.....	1.30
" 3.	"	.....	1.50
" 4.	"	.....	2.25

**Square Russian Sable Painting Brushes, No. 22.**

FOR SHADING.



POLISHED HANDLES. NICKEL-PLATED FERRULES.

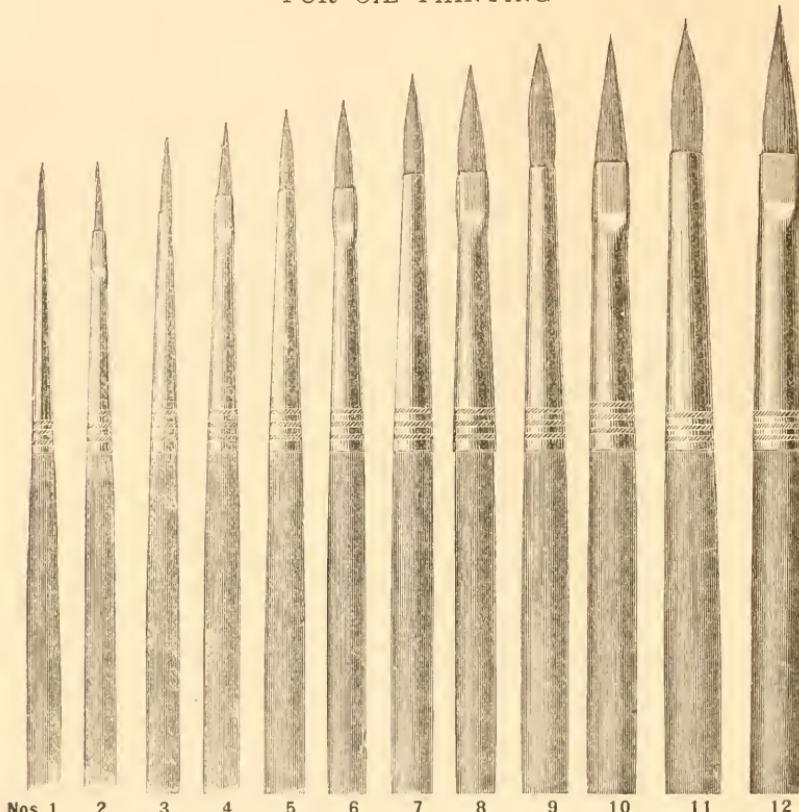
No. 1.	Per dozen	.....	\$1.50
" 2.	"	.....	2.00
" 3.	"	.....	3.75

**CEDAR PENCIL STICKS**

FOR QUILL PENCILS, ASSORTED THICKNESS.

Length	6½ inches	8 inches	10½ inches
Per gross	\$0.75	\$1.00	\$1.50
Per dozen	0.10	0.15	0.20

## BRUSHES FOR OIL PAINTING—Continued.

**EXTRA FINE RED SABLE BRUSHES.  
FOR OIL PAINTING.**

Nos. 1    2    3    4    5    6    7    8    9    10    11    12

**POLISHED HANDLES. NICKEL PLATED FERRULES.**

ROUND AND FLAT, FIRST QUALITY.

No. 1.....	per gross,	\$8.00
" 2.....	"	9.00
" 3.....	"	10.00
" 4.....	"	11.50
" 5.....	"	12.50
" 6.....	"	15.00
" 7.....	"	18.00
" 8.....	"	21.00
" 9.....	"	24.00
" 10.....	"	28.00
" 11.....	"	32.00
" 12.....	"	36.00
<b>Assorted, Nos. 1 to 6.....</b>	"	11.00
<b>"      " 1 to 12.....</b>	"	18.00

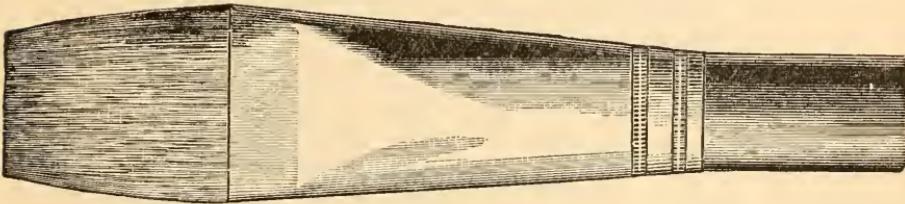
## BRUSHES FOR OIL PAINTING—Continued.

## EXTRAFINE RED SABLE BRUSHES—Continued.

*EXTRA LARGE, ROUND AND FLAT.*

## POLISHED HANDLES, NICKEL PLATED FERRULES.

No. 13 .....	per dozen, \$4.35	No. 16 .....	per dozen, \$7.60
" 14 .....	" 5.40	" 18 .....	" 8.65
" 15 .....	" 6.50	" 20 .....	" 9.75

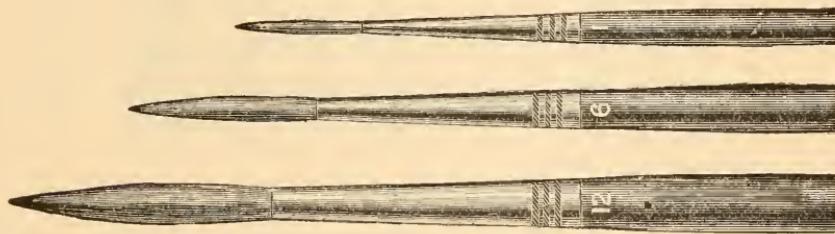
*EXTRA WIDE, FLAT.*

## POLISHED HANDLES, TIN FERRULES.

$\frac{3}{8}$ inch.....	per dozen, \$3.60	$\frac{3}{4}$ inch.....	per dozen, \$9.40
$\frac{1}{2}$ " .....	" 4.50	$\frac{7}{8}$ " .....	" 12.25
$\frac{5}{8}$ " .....	" 6.50	1 " .....	" 15.15

## EXTRAFINE RED SABLE RIGGERS.

## EXTRA LONG, FINE LINERS, FOR OIL PAINTING.



## POLISHED HANDLES. NICKEL PLATED FERRULES.

No 1.....	per gross, \$9.00	No. 7.....	per gross, \$18.90
" 2.....	" 9.90	" 8.....	" 22.50
" 3.....	" 10.80	" 9.....	" 27.00
" 4.....	" 11.70	" 10.....	" 32.40
" 5.....	" 13.50	" 11.....	" 39.60
" 6.....	" 16.20	" 12.....	" 47.70
Assorted Nos. 1 to 6.	" 11.90	Assorted Nos. 1 to 12	" 21.60

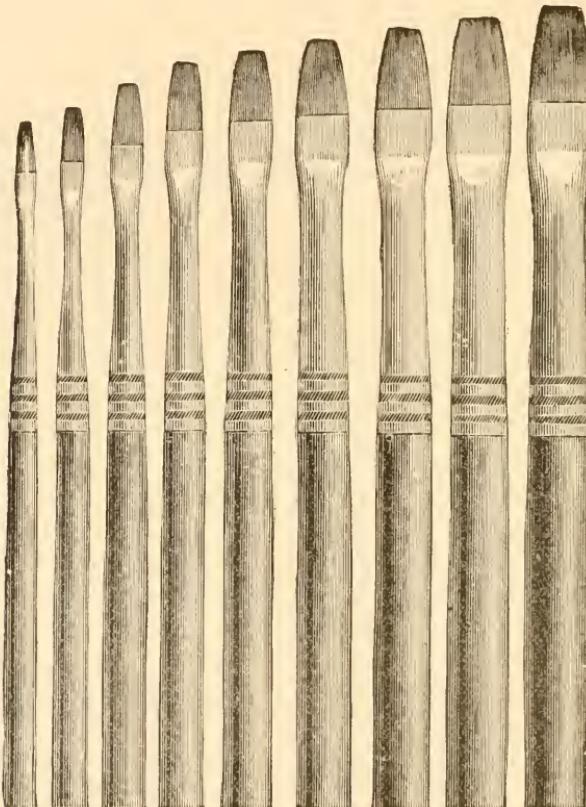
## BRUSHES FOR OIL PAINTING—Continued.

## EXTRAFINE RED SABLE BRUSHES—Continued.

## EXTRAFINE BRIGHT'S RED SABLE BRUSHES.

FOR OIL PAINTING.

FOR FIRM SQUARE TOUCHING AND GENERAL LANDSCAPE WORK.



Nos.

1

2

3

4

5

6

7

8

9

## POLISHED HANDLES. NICKEL PLATED FERRULES.

No. 1.....	<i>90</i>	per gross, \$10.80	No. 6.....	<i>240</i>	per gross, \$28.80
" 2.....	<i>105</i>	" 12.60	" 7.....	<i>283</i>	" 34.20
" 3.....	<i>136</i>	" 16.20	" 8.....	<i>337</i>	" 39.60
" 4.....	<i>162</i>	" 19.80	" 9.....	<i>376</i>	" 46.30
" 5.....	<i>197</i>	" 23.45			
Assorted, Nos. 1 to 9.....\$25.75					

## EXTRA WIDE.

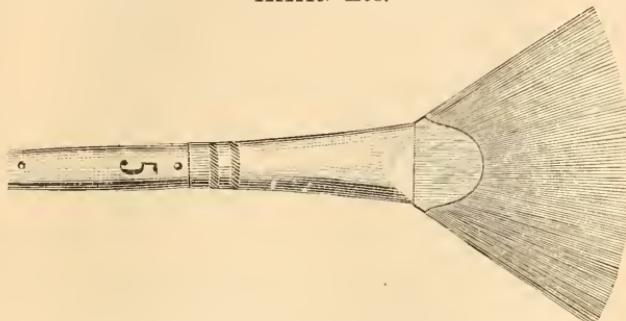
No. 10— $\frac{5}{16}$ in. wide..per doz., \$4.35	No. 16— $\frac{5}{8}$ in. wide..per doz., \$9.75
" 12— $\frac{3}{8}$ " " 5.40	" 18— $\frac{3}{4}$ " " 13.00
" 14— $\frac{1}{2}$ " " 7.20	" 20— $\frac{7}{8}$ " " 17.30

**BRUSHES FOR OIL PAINTING—Continued.**  
**EXTRAFINE RED SABLE BRUSHES—Continued.**

## **Extrafine Fan-shaped Red Sable Brushes.**

## FOR OIL PAINTING.

FOR LIGHT GLAZING, SOFTENING, SCUMBLING, FOLIAGE,  
HAIR, Etc.



POLISHED HANDLES. TIN FERRULES.

No. 1.....	per dozen, \$2.55	No. 4.....	per dozen, \$4.20
" 2.....	" 3.00	" 5.....	" 5.40
" 3.....	" 3.60	" 6.....	" 6.50
Assorted, Nos. 1 to 6.....			per dozen, \$4.25

## **EXTRAFINE RUSSIAN SABLE BRUSHES.**

## FOR OIL PAINTING.

POLISHED HANDLES. NICKEL-PLATED FERRULES.

## ROUND AND FLAT.

(See Illustration on page 170.)

No. 1.....	<b>5.2</b>	per gross, \$6.20	No. 7.....	per gross, \$11.00
" 2.....	<b>5.5</b>	" 6.60	" 8.....	" 11.55
" 3.....	<b>6.0</b>	" 7.20	" 9.....	" 12.45
" 4.....		" 7.85	" 10.....	" 13.65
" 5.....		" 8.50	" 11.....	" 15.00
" 6.....		" 9.75	" 12.....	" 16.25
Assorted Nos. 1 to 6		" 7.70	Assorted Nos. 1 to 12	" 10.50

# Extrafine Bright's Russian Sable Brushes

## FOR OIL PAINTING

POLISHED HANDLES NICKEL-PLATED FERRULES

## **FLAT.**

(See Illustration on page 172.)

No. 1.....	per gross, \$8.00	No. 6.....	per gross, \$14.00
" 2.....	" 8.75	" 7.....	" 16.00
" 3.....	" 9.75	" 8.....	" 18.00
" 4.....	" 10.50	" 9.....	" 20.00
" 5.....	" 11.25		

Assorted, Nos. 1 to 9, . . . per gross, \$11.99

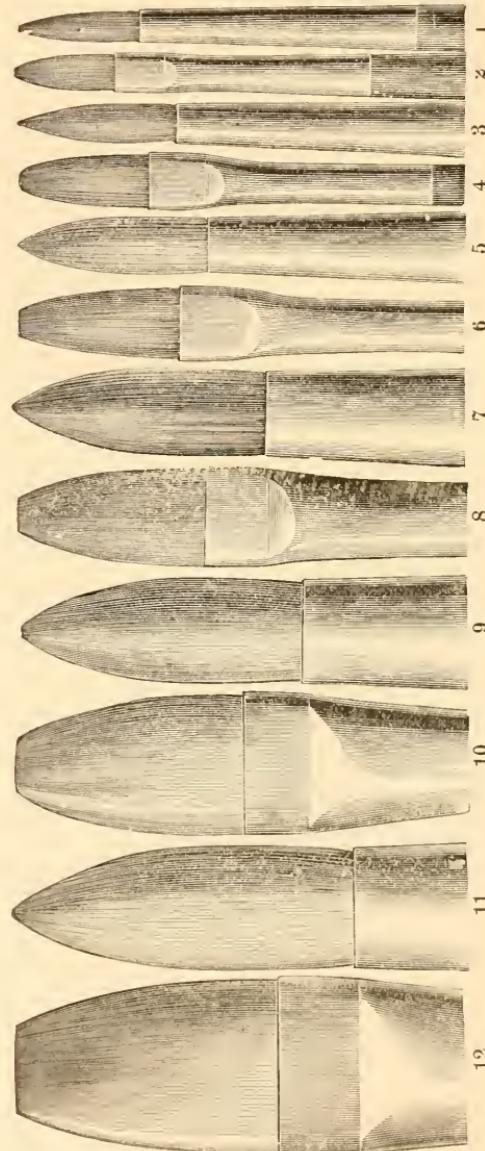
**EXTRA WIDE.**

EXTRA WIDE.		
No. 10— $\frac{5}{16}$ in. wide...per doz., \$2.20	No. 16— $\frac{5}{8}$ in. wide...per doz., \$4.00	
" 12— $\frac{3}{8}$ " " 2.60	" 18— $\frac{3}{4}$ " " 5.20	
" 14— $\frac{1}{2}$ " " 3.20	" 20— $\frac{5}{8}$ " " 7.20	

## BRUSHES FOR OIL PAINTING—Continued.

A. SARTORIUS & CO.'S

Finest Artists' Lyons Hog Hair Brushes.  
FOR OIL PAINTING.



POLISHED LIGHT YELLOW HANDLES. NICKEL FERRULES. ROUND AND FLAT.

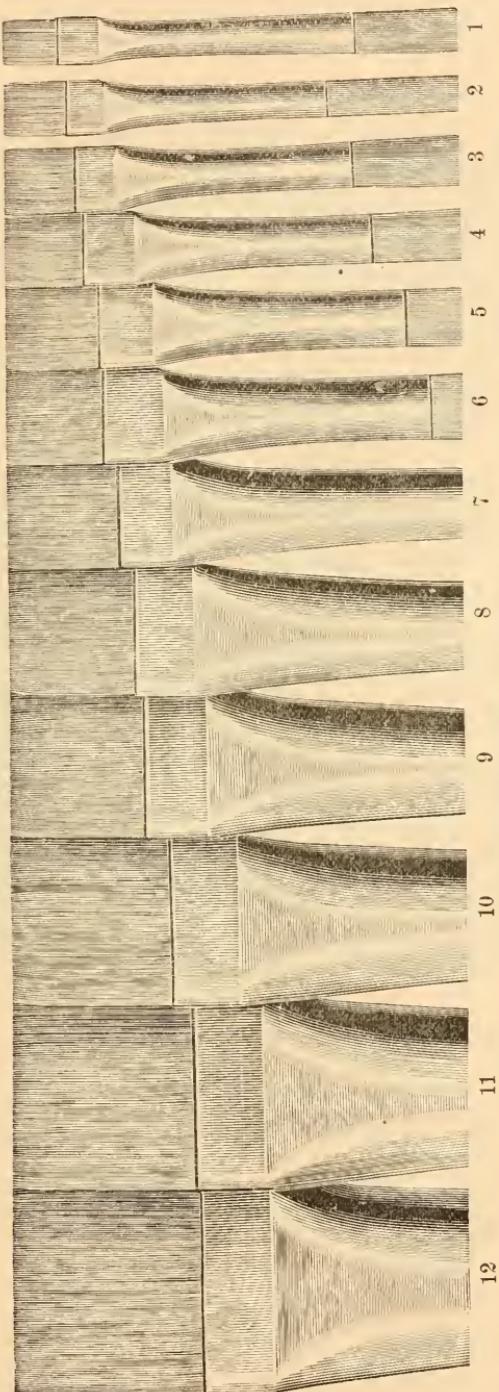
Nos. 1—6, flat or round, all sizes.....	\$3.00	No. 10, flat or round.....	\$6.00
No. 7, flat or round.....	" 3.60	" 11, " .....	" 7.20
" 8, " .....	" 4.50	" 12, " .....	" 8.40
" 9, " .....	" 5.10		

## BRUSHES FOR OIL PAINTING—Continued.

A. SARTORIUS &amp; CO.'S

## Finest Artist's Lyons Hog Hair Brushes (Bright's.)

FOR OIL PAINTING.



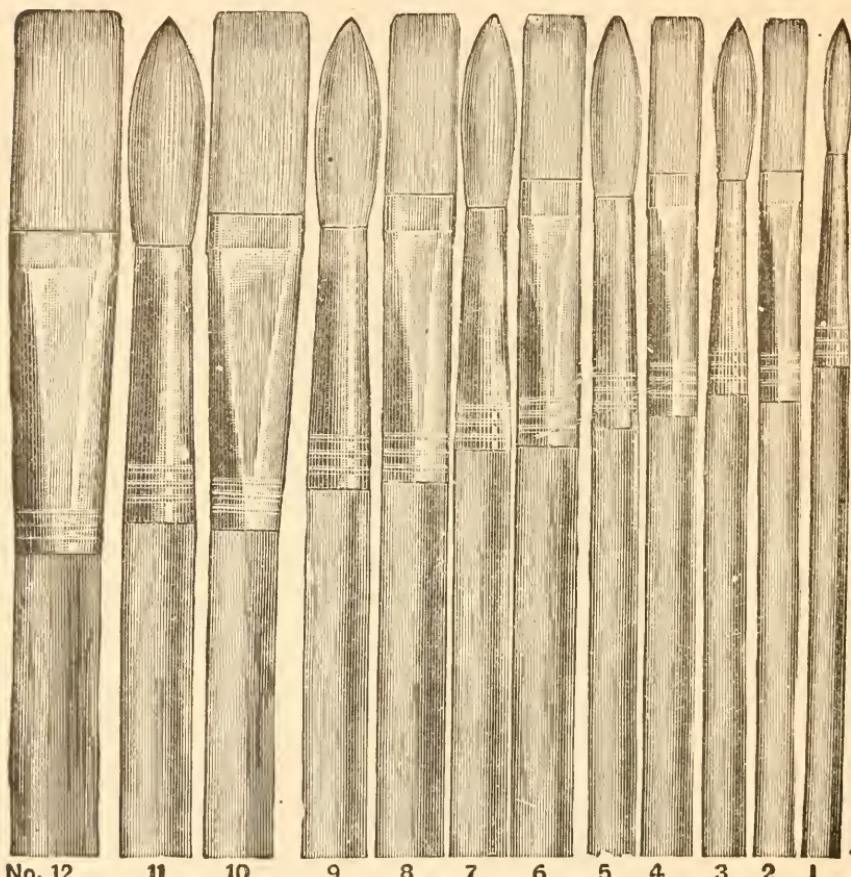
## POLISHED LIGHT YELLOW HANDLES. NICKEL FERRULES.

Nos. 1—6, flat or round, all sizes.....	per dozen \$3.00	No. 10, flat or round.....	per dozen \$6.00
No. 7, flat or round.....	" 3.60	" 11, "	" 7.20
" 8, "	" 4.50	" 12, "	" 8.40
" 9, "	" 5.10		

## BRUSHES FOR OIL PAINTING—Continued.

## EXTRA FINE BRISTLE BRUSHES.

FOR OIL PAINTING.

**POLISHED HANDLES. TIN FERRULES.****ROUND AND FLAT.**

No. 1.....	per gross,	\$6.50	No. 7.....	per gross,	\$9.50
" 2.....	"	6.90	" 8.....	"	10.15
" 3.....	"	7.35	" 9.....	"	10.80
" 4.....	"	7.75	" 10.....	"	11.35
" 5.....	"	8.15	" 11.....	"	11.90
" 6.....	"	8.80	" 12.....	"	12.75

Assorted, Nos. 1 to 12..... \$9.00

BRUSHES FOR OIL PAINTING—Continued.  
EXTRAFINE BRISTLE BRUSHES—Continued.

## FRENCH, FOR OIL PAINTING.

Round and flat. White Handles. Tin Ferrules.

No. 1.....	per gross.	\$5.25	No. 7.....	per gross,	\$7.65
" 2.....	"	5.60	" 8.....	"	8.00
" 3.....	"	5.90	" 9.....	"	8.50
" 4.....	"	6.20	" 10.....	"	9.10
" 5.....	"	6.60	" 11.....	"	9.75
" 6.....	"	7.00	" 12.....	"	10.60
Assorted, Nos. 1 to 12.....		\$7.50			

## Extra Fine Bristle Brushes, Extra Large.

FOR OIL PAINTING.

POLISHED HANDLES. TIN FERRULES.

### ROUND.

No. 14.....	per dozen,	\$1.50	No. 20.....	per dozen,	\$1.95
" 16.....	"	1.60	" 22 .....	"	2.20
" 18.....	"	1.80	" 24.....	"	2.40

### FLAT.

$\frac{3}{4}$ inch wide.....	per dozen,	\$1.60	$\frac{1}{4}$ inch wide.....	per dozen,	\$2.80
$\frac{7}{8}$ " " .....	"	1.95	$1\frac{3}{8}$ " " .....	"	3.10
1 " " .....	"	2.20	$1\frac{1}{2}$ " " .....	"	3.45
$1\frac{1}{8}$ " " .....	"	2.40			

## Extra Fine Fan-shaped Bristle Brushes.

FOR OIL PAINTING.

For Slight Dragging, Light Touching, Hair, Foliage, Scumbling, Etc.

(See Illustration on page 173.)

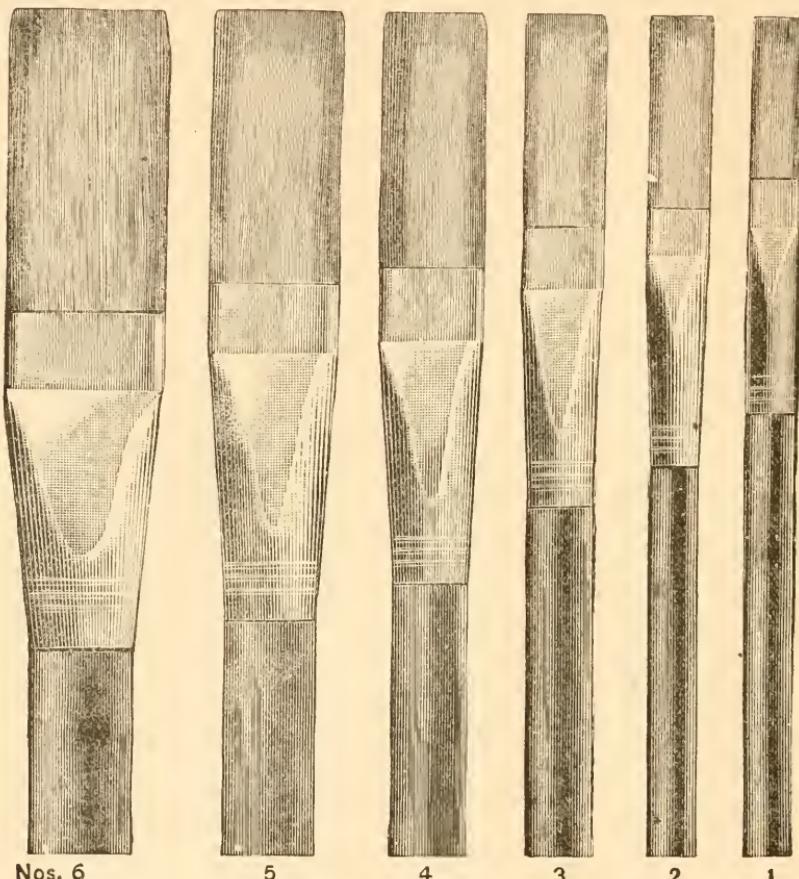
POLISHED HANDLES. TIN FERRULES.

No. 1.....	per dozen,	\$1.10	No. 4.....	per dozen,	\$1.65
" 2.....	"	1.30	" 5.....	"	1.85
" 3.....	"	1.50	" 6.....	"	2.00

## BRUSHES FOR OIL PAINTING—Continued.

## EXTRAFINE BRISTLE BRUSHES—Continued.

## LANDSEER'S, FOR OIL PAINTING.

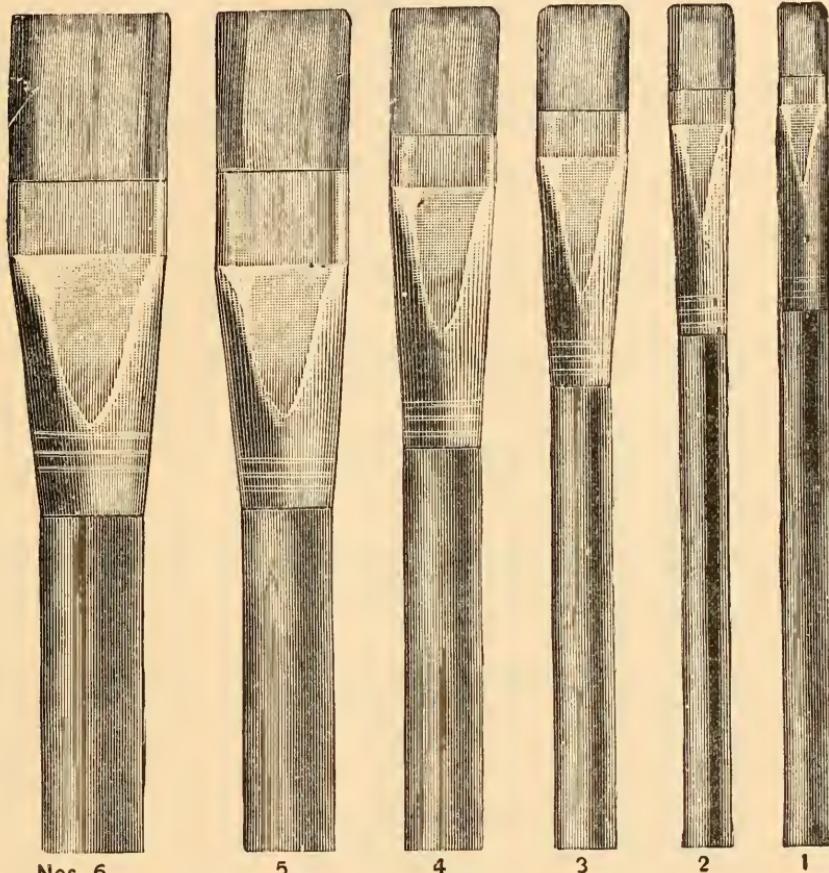


Polished Handles. Tin Ferrules.

No. 1 . . . . .	per gross, \$8.10
" 2 . . . . .	" 9.20
" 3 . . . . .	" 10.35
" 4 . . . . .	" 11.50
" 5 . . . . .	" 13.85
" 6 . . . . .	" 16.10
Assorted, Nos. 1 to 6. . . . .	" 11.50

## BRUSHES FOR OIL PAINTING—Continued.

## EXTRAFINE BRISTLE BRUSHES—Continued.

**BRIGHT'S, FOR OIL PAINTING.**

Nos. 6

5

4

3

2

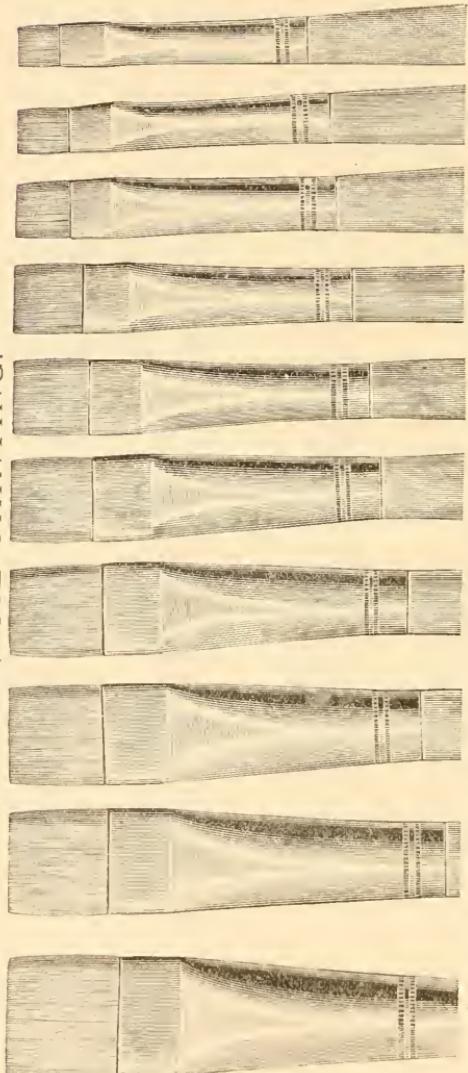
1

**POLISHED HANDLES. TIN FERRULES.**

No. 1.....	Per gross, \$8.10
" 2.....	" 9.20
" 3.....	" 10.35
" 4.....	" 11.50
" 5.....	" 13.85
" 6.....	" 16.10
Assorted, Nos. 1 to 6.....	" 11.50

## BRUSHES FOR OIL PAINTING—Continued.

# French Artists' Bristle Brushes (Bright's) FOR OIL PAINTING.



WHITE HANDLES.		TIN FERRULES.		EXTRA WIDE:	
No.	per gross, \$5.80	No.	per gross, \$7.55	No.	per gross, \$9.00
3		7		10	per gross, \$9.00
" 4		" 6.15	" 8	" 11	" 9.60
" 5		" 6.55	" 9	" 12	" 10.40
" 6		" 6.95			
ASSORTED, No. 3-12		per gross, \$7.50		per gross, \$2.25	
Per dozen	\$1.25	3 $\frac{1}{4}$ inches.	7 $\frac{1}{2}$ inches.	1 $\frac{1}{8}$ inches.	1 $\frac{1}{4}$ inches.
		1.45	\$1.60	\$1.75	\$2.00

## BRUSHES FOR OIL PAINTING—Continued.

**Extrafine Artists' Slanting Bristle Brushes.**

FOR OIL PAINTING.



No. 1.....	<u>15</u>	per dozen, \$2.25
" 2.....	<u>16</u>	" 2.40
" 3.....	<u>18</u>	" 2.55
" 4.....	<u>19</u>	" 2.70
" 5.....	<u>20</u>	" 2.85
" 6.....	<u>20</u>	" 3.00

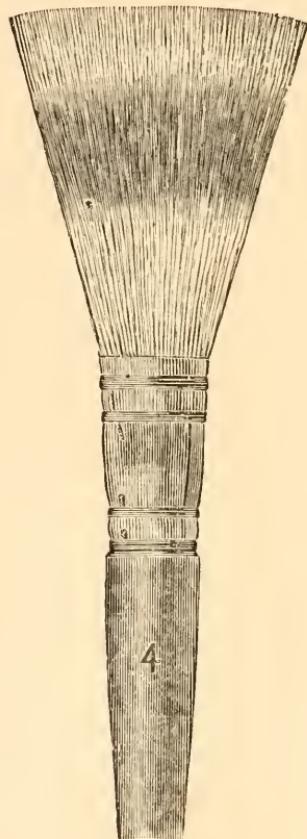
**Extrafine Artists' Ox Hair Brushes.**

FOR OIL PAINTING.

**Round and Flat. Red Polished Handles. Tin Ferrules.**

No. 1.....	<u>4</u> <u>one</u>	per gross, \$3.85
" 2.....	<u>5</u>	" 4.35
" 3.....	<u>6</u>	" 4.80
" 4.....	<u>6</u>	" 5.55
" 5.....	<u>7</u>	" 6.00
" 6.....	<u>8</u>	" 7.20
" 7.....	<u>10</u>	" 8.60
" 8.....	<u>12</u>	" 10.20
" 9.....	<u>14</u>	" 11.50
" 10.....	<u>15</u>	" 13.40
" 11.....	<u>16</u>	" 15.30
" 12.....	<u>18</u>	" 17.25
Assorted Nos. 1—12.....	<u>75</u> <u>Dz</u>	" 9.00

## BRUSHES FOR OIL PAINTING—Continued.

**EXTRAFINE ROUND BADGER BLENDERS****PURE STOCK. FULL SIZES. FOR OIL PAINTING.****Polished Handles. Wire Bound Quills.**

No. 1.....	per dozen, \$1.75	No. 7.....	per dozen, \$6.25
" 2.....	" 2.35	" 8.....	" 7.50
" 3.....	" 3.00	" 9.....	" 8.75
" 4.....	" 3.75	" 10.....	" 10.00
" 5.....	" 4.50	" 11.....	" 11.25
" 6.....	" 5.25	" 12.....	" 12.50

**FLAT KNOTTED BADGER BLENDERS.  
SET IN BONE.****POLISHED HANDLES.**

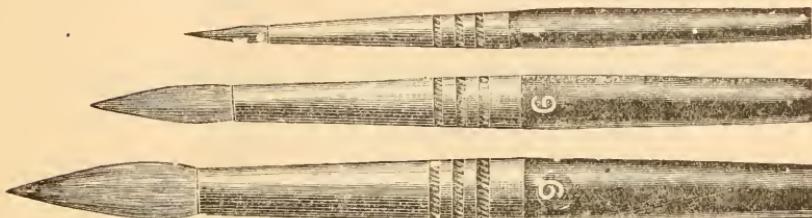
2, 2½, 3, 3½, 4, 4½ and 5 inches wide.....per inch, \$0 40

# BRUSHES & PENCILS FOR WATER COLOR PAINTING

Extra Fine Red Sable Brushes,

FOR WATER COLOR PAINTING.

*ROUND AND FLAT.*



Black Polished Handles. Nickel Plated Ferrules.

No. 0 and 1 . . . . .	per doz., \$1.30	No. 7 . . . . .	per doz., \$6.05
" 2 . . . . .	" 1.75	" 8 . . . . .	" 7.80
" 3 . . . . .	" 2.20	" 9 . . . . .	" 9.75
" 4 . . . . .	" 2.80	" 10 . . . . .	" 12.35
" 5 . . . . .	" 3.90	" 11 . . . . .	" 15.15
" 6 . . . . .	" 4.60	" 12 . . . . .	" 19.45

## Extra Fine Red Sable Miniature Pencils.

FOR WATER COLOR PAINTING. IN QUILLS.

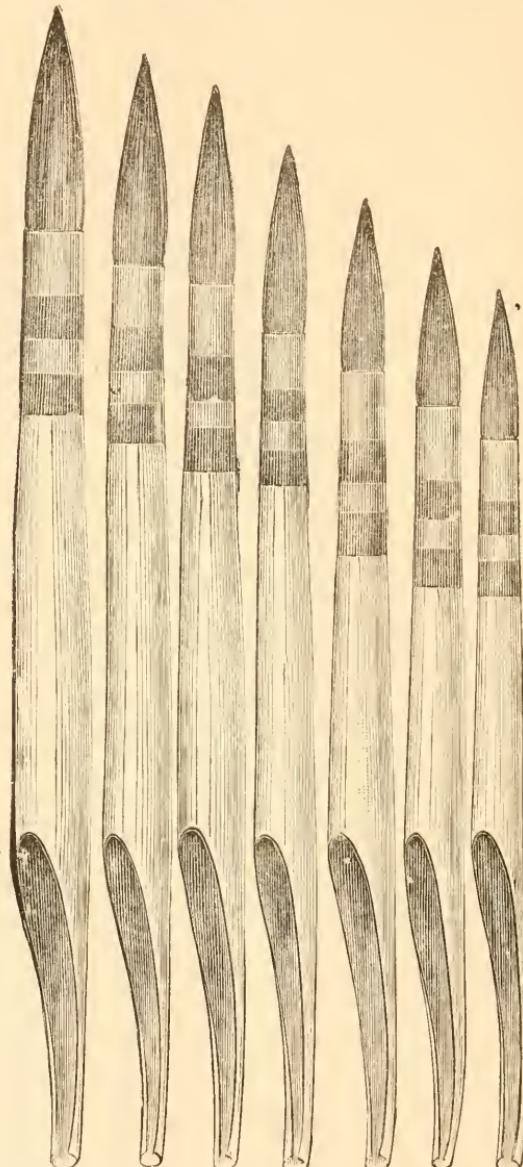
(See Illustration page 186.)

No. 1 . . . . .	per dozen, \$1.25	No. 5 . . . . .	per dozen, \$4.20
" 2 . . . . .	" 1.50	" 6 . . . . .	" 5.40
" 3 . . . . .	" 2.35	" 7 . . . . .	" 7.10
" 4 . . . . .	" 3.35	" 8 . . . . .	" 9.20

Assorted, Nos. 1 to 8 . . . . . per dozen, \$4.25

BRUSHES AND PENCILS FOR WATER COLOR  
PAINTING—Continued.

**EXTRAFINE RED SABLE SWAN QUILL PENCILS**  
FOR WATER COLOR PAINTING, LARGE WASHES, &c.



Nos. 1

2

3

4

5

6

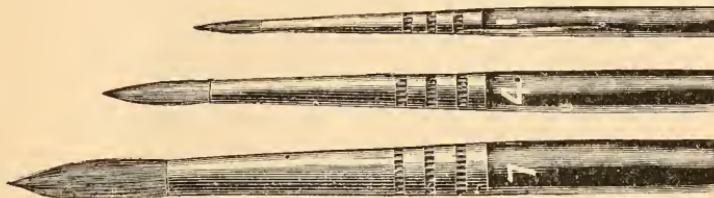
7

No. 1.....	per dozen	\$35.00	No. 5.....	per dozen	\$20.00
" 2.....	"	30.00	" 6.....	"	16.00
" 3.....	"	26.75	" 7.....	"	14.00
" 4.....	"	22.50			

**BRUSHES AND PENCILS FOR WATER COLOR  
PAINTING—Continued.**

**EXTRA FINE RUSSIAN SABLE BRUSHES,**

BLACK POLISHED HANDLES. NICKEL PLATED FERRULES.



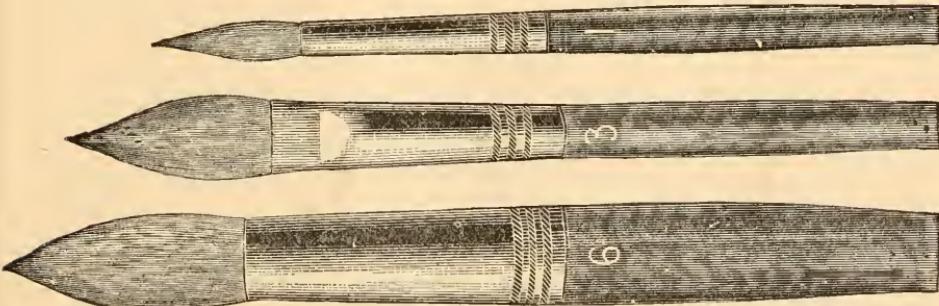
**ROUND AND FLAT.**

No. 0 and 1.....	7.....	per dozen, \$0.80	No. 6.....	65'	per dozen, \$1.80
" 2.....	8.....	" 0.95	" 7.....	20	" 2.50
" 3.....	9.....	" 1.00	" 8.....	24	" 3.00
" 4.....	10.....	" 1.20	" 9.....	33	" 4.00
" 5.....	12.....	" 1.40	" 10.....	40	" 5.00

**Extra Fine Siberian Wash Brushes,**

FOR WATER COLOR PAINTING.

FOR LARGE WASHES, POLISHED HANDLES, NICKEL PLATED FERRULES



**ROUND AND FLAT.**

No. 1.....	per dozen, \$1.75	No. 4.....	.....	per dozen, \$3.00
" 2.....	" 2.00	" 5.....	.....	" 3.70
" 3.....	" 2.35	" 6.....	.....	" 4.90

**Extra Fine Siberian Wash Brushes, Double End**

FOR WATER COLOR PAINTING.

FOR LARGE WASHES, POLISHED HANDLES, NICKEL PLATED FERRULES

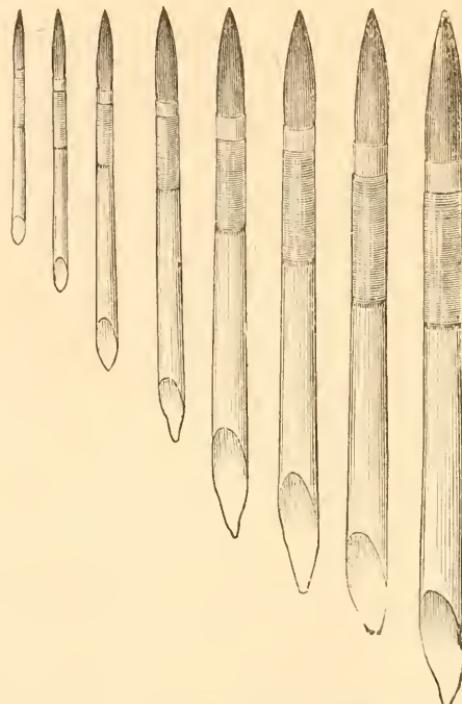
**ROUND AND FLAT.**

No. 1.....	.....	.....	per dozen, \$1.00
" 2.....	.....	.....	" 5.00
" 3.....	.....	.....	" 6.00

BRUSHES AND PENCILS FOR WATER COLOR  
PAINTING—Continued.

**CAMEL HAIR PENCILS.**  
*FOR WATER COLOR PAINTING. IN QUILLS.*

Nos. 1    2    3    4    5    6    7    8



**A. FINEST QUALITY.**

No. 1.....	3.....	per gross, \$3.00	No. 5.....	6.....	per gross, \$7.20
" 2.....	3.....	" 3.60	" 6.....	8.....	" 8.00
" 3.....	4.....	" 4.25	" 7.....	10.....	" 8.80
" 4.....	5.....	" 5.70	" 8.....	10.....	" 9.60
Assorted, Nos. 1 to 8.....per gross, \$6.25					

**B. FINE QUALITY.**

No. 1.....	.....	per gross, \$2.10	No. 5.....	.....	per gross, \$5.00
" 2.....	.....	" 2.50	" 6.....	.....	" 5.60
" 3.....	.....	" 3.00	" 7.....	.....	" 6.20
" 4.....	.....	" 4.00	" 8.....	.....	" 6.75
Assorted, Nos. 1 to 8.....\$4.40					

**C. ORDINARY QUALITY.**

No. 1.....	.....	per gross, \$1.40	No. 5.....	.....	per gross, \$3.35
" 2.....	.....	" 1.70	" 6.....	.....	" 3.75
" 3.....	.....	" 2.00	" 7.....	.....	" 4.15
" 4.....	.....	" 2.70	" 8.....	.....	" 4.50
Assorted, Nos. 1 to 8.....\$2.90					

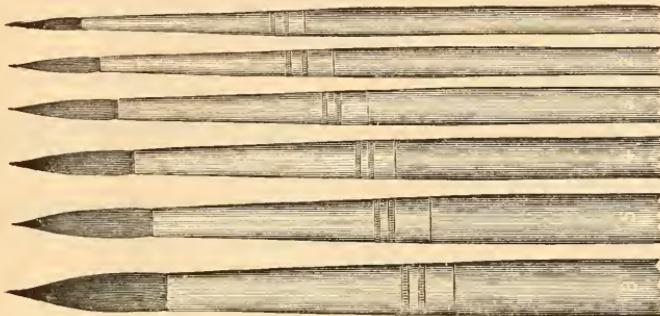
**CAMEL HAIR SWAN QUILL PENCILS.**  
*FOR WATER COLOR PAINTING, LARGE WASHES, &c.*

(See Illustration on page 184.)

No. 1.....	50.....	per dozen, \$7.25	No. 5.....	20.....	per dozen, \$2.45
" 2.....	45.....	" 5.80	" 6.....	15.....	" 1.60
" 3.....	40.....	" 4.60	" 7.....	10.....	" 1.45
" 4.....	30.....	" 3.65			

BRUSHES AND PENCILS FOR WATER COLOR  
PAINTING—Continued.

**CAMEL HAIR BRUSHES.**  
*FOR WATER COLOR PAINTING.*



ROUND AND FLAT. POLISHED HANDLES.

**EXTRA FINE QUALITY (Nickel Plated Ferrules.)**

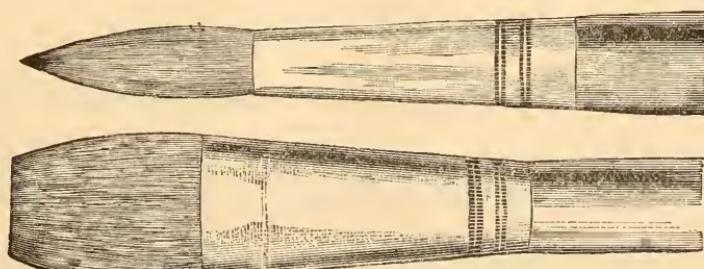
No. 1.....	6	per gross, \$7.25	No. 4.....	9	per gross, 9.15
" 2.....	7	" 7.90	" 5.....	12	" 10.00
" 3.....	8	" 8.50	" 6.....	14	" 11.25
Assorted, Nos. 1 to 6....per gross, \$9.00					

**FINE QUALITY (Tin Ferrules.)**

No. 1.....	5	per gross, \$4.45	No. 4.....	8	per gross, \$6.85
" 2.....	6	" 5.25	" 5.....	9	" 7.55
" 3.....	7	" 6.20	" 6.....	10	" 8.70
Assorted, Nos. 1 to 6....per gross, \$6.50					

**Extra Fine French Camel Hair Laquering Brushes.**

FOR VARNISHING. ALSO USED IN WATER COLOR PAINTING FOR LARGE WASHES.



POLISHED HANDLES. TIN FERRULES.

**ROUND**

No. 1.....	10	per gross, \$12.15
" 2.....	11	" 13.50
" 3.....	15	" 15.75
" 4.....	16	" 18.90
" 5.....	20	" 21.60
" 6.....	22	" 25.65

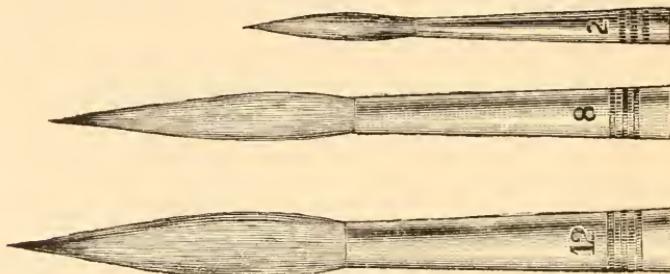
**FLAT.**

3/8 inch wide.	10	per gross, \$12.15
1 1/2 "	11	" 13.50
5/8 "	15	" 15.75
3/4 "	16	" 18.90
7/8 "	20	" 21.60
1 "	22	" 25.65

# SUNDRY BRUSHES.

## Extra Fine Black Sable Lettering Pencils

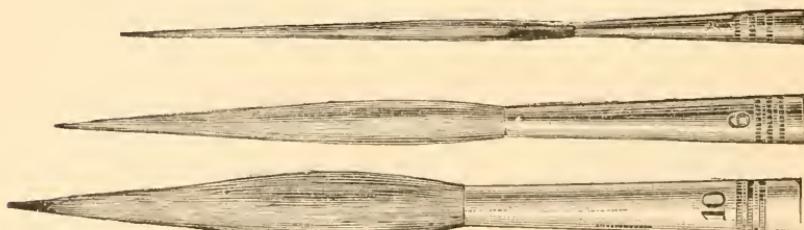
IN NICKEL PLATED FERRULES.



No. 1. <b>11</b>	per dozen, \$1.60	No. 6... <b>75</b>	per dozen, \$6.50
" 2. <b>15</b>	" 2.25	" 7... <b>60</b>	" 8.60
" 3. <b>22</b>	" 3.20	" 8... <b>80</b>	" 11.00
" 4. <b>28</b>	" 4.30	" 10... <b>95</b>	" 13.50
" 5. <b>35</b>	" 5.40	" 12... <b>125</b>	" 18.00

## Extra Fine Black Sable Striping Pencils.

IN NICKEL PLATED FERRULES.



No. 1... <b>15</b>	per dozen	\$2.25	No. 6... <b>50</b>	per dozen	\$7.65
" 2. <b>22</b>	"	3.15	" 7... <b>63</b>	"	9.50
" 3. <b>26</b>	"	4.00	" 8... <b>80</b>	"	12.15
" 4. <b>33</b>	"	5.00	" 10... <b>100</b>	"	14.85
" 5. <b>43</b>	"	6.30	" 12... <b>135</b>	"	20.25

## SUNDRY BRUSHES—Continued.

## Extra Fine French Camel Hair Stripers or Banders.

IN QUILLS.



ORIGINAL SIZES OF PENCILS.

Length of Hair:

$\frac{5}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$ inch.
\$0.70	0.75	0.80	0.90	1.00	1.20	1.40	1.65

5 6 7 8 9 10 12 14  
PER DOZEN.

Assorted sizes, \$1.05 per dozen.

## Extra Fine Square Camel Hair Swan Quill Striping Pencils.



These Pencils are all the same thickness, but are furnished different lengths of hair.

Length of hair,  $\frac{1}{4}$ ,  $\frac{3}{4}$ , 1 and  $1\frac{1}{4}$  inch.....per dozen, \$0.90

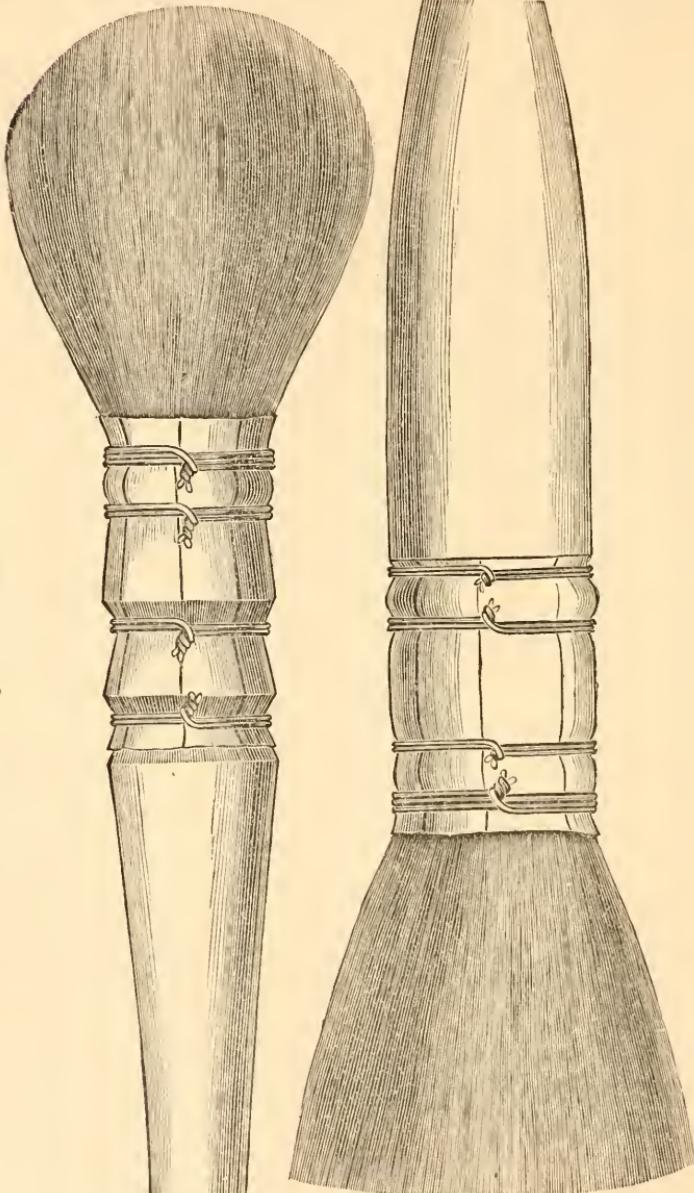
" "  $1\frac{1}{2}$ ,  $1\frac{3}{4}$  and 2 inch....." 1.10

" "  $2\frac{1}{4}$  inches ....." 1.30

## SUNDRY BRUSHES—Continued.

SUPERIOR FRENCH CAMEL HAIR DUSTERS.  
WIRE BOUND QUILLS, WOOD HANDLES.

Original Size of No. 14.



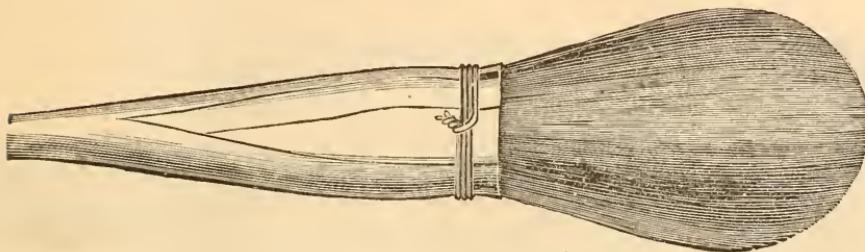
Original Size of No. 16.

	2	4	6	8	10	12	14	16	18	20	24	30
Pointed or square No.												
Per dozen . . . . .	\$3.45	4.80	6.60	9.30	12.00	16.15	21.60	25.15	28.75	32.30	35.90	44.90

## SUNDRY BRUSHES—Continued.

**SUPERIOR FRENCH CAMEL HAIR DUSTERS**

Wire Bound Quills. Round Point.



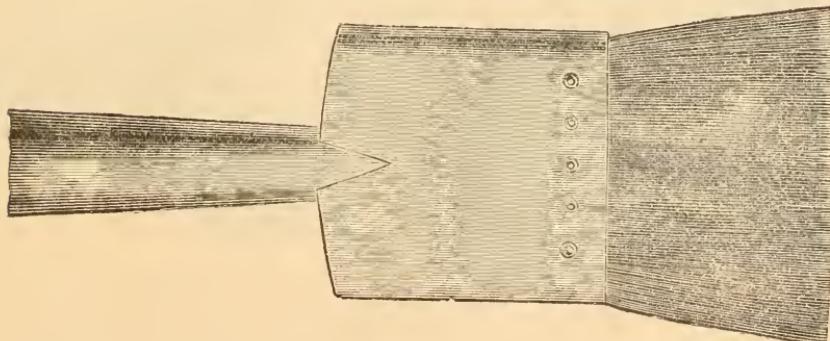
ORIGINAL SIZE OF 6 QUILL DUSTER.

	2 quills	3 quills	4 quills	5 quills	6 quills	8 quills
Per dozen . . .	\$2.25	3.00	4.00	5.50	7.50	11.00

**SUPERIOR CAMEL HAIR GILDERS TIPS.**

4 inches wide, Length of Hair 1½, 2 and 2½ inches.

Per dozen . . . . .	\$1.50
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**FINE FITCH FLOWING BRUSHES.***IN TIN, CEDAR WOOD HANDLE.*

Single Thick, 1, 1½, 2, 2½, 3, 3½ and 4 inches wide...per inch \$0.22

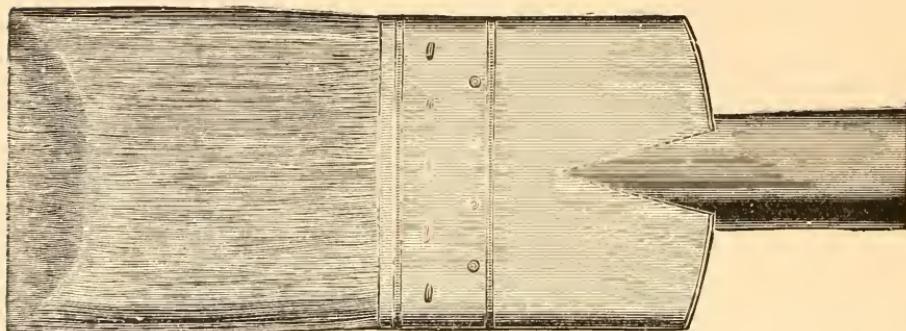
Double Thick, 1, 1½, 2, 2½, 3, 3½ and 4 inches wide... " 0.33

The same, chiseled, 6c. more per inch.

## SUNDRY BRUSHES—Continued.

**CHISELED BRISTLE FLOWING BRUSHES.**

SET IN GLUE, IN TIN AND POLISHED HANDLES.

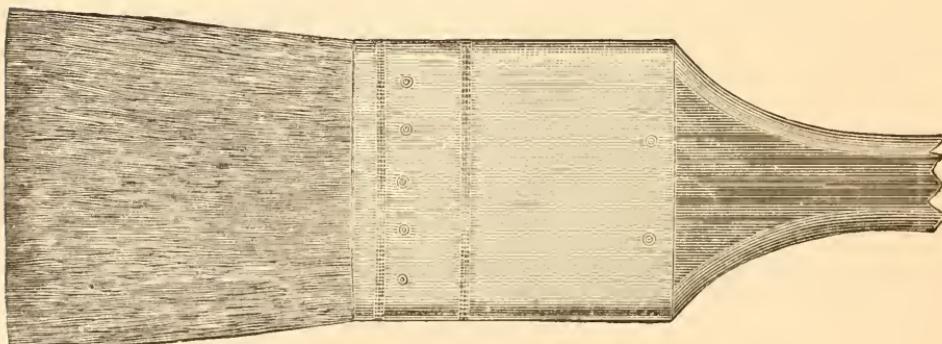


Single Thick, 1, 1½, 2, 2½ and 3 inches wide.....per inch, \$0.22

Double Thick, 1, 1½, 2, 2½ and 3 inches wide..... " 0.30

**FLAT BRISTLE VARNISH BRUSHES.**

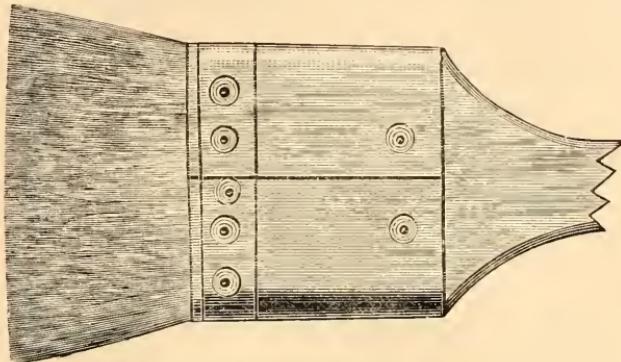
SET IN GLUE. PLAIN HANDLES.



1 inch.....	per dozen, \$1.20	3 inches.....	per dozen, \$1.50
1½ " .....	" 1.80	3½ " .....	" 5.49
2 " .....	" 2.40	4 " .....	" 6.25
2½ " .....	" 3.60		

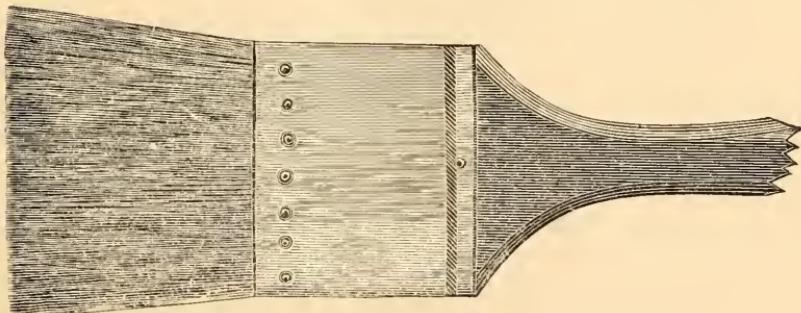
## SUNDRY BRUSHES.—Continued.

**EXTRA FINE**  
**CAMEL HAIR MOTTLING BRUSHES.**  
 IN TIN. SHORT CEDAR HANDLES.



1 inch wide.	per dozen,	\$2.50
1½ " "	"	4.00
2 " "	"	5.50
2½ " "	"	9.00
3 " "	"	11.50

**EXTRA FINE**  
**CAMEL HAIR COLOR BRUSHES.**  
 IN TIN. LONG CEDAR HANDLES.



1 inch wide.	per dozen,	\$4.00
1½ " "	"	6.00
2 " "	"	8.50
2½ " "	"	12.00
3 " "	"	15.00

**ORDINARY BRONZING BRUSHES.**

(GOLD PAINT BRUSHES.) SHORT TIN HANDLES.

(See Illustration on page 6.)

Per gross.	.....	\$2.00
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## ART PUBLICATIONS.

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# Handbooks on the Fine Arts,

Published by WINSOR & NEWTON, Limited, London.

WITH ILLUSTRATIONS.

PAPER COVERS.

**EACH. - 25 CENTS.**

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- No. 1. *Warren's Half-hour Lectures on Drawing and Painting.*
- " 2. *Rowbotham's Art of Sketching from Nature.*
- " 3. *Rowbotham's Art of Landscape Painting in Water Colors.*
- " 4. *Penley's System of Water Color Painting.*
- " 5. *Carmichael's Art of Marine Painting in Water Colors.*
- " 6. *Hatton's Hints for Sketching in Water Colors from Nature.*
- " 7. *Merrifield's Art of Portrait Painting in Water Colors.*
- " 8. *Day's Art of Miniature Painting.*
- " 9. *Duffield's Art of Flower Painting in Water Colors.*
- " 10. *Williams' Art of Landscape Painting in Oil Colors,*  
with Instructions for the Mixing and Composition of Tints.
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**Handbooks published by Winsor & Newton, Limited, London.**  
CONTINUED.

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- “ 25. *Williams' Transparency-Painting on Linen.*
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- “ 27. *Martel's Principles of Colouring in Painting.*
- “ 28. *Martel's Principles of Form in Ornamental Art.*
- “ 29. *Gild's Art of Wood Engraving.*
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- “ 37. *Muckley's Flower Painting in Oil Colors* (with Colored Illustrations).
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- Figure Drawing. Comprising the Art of Figure Drawing and Artistic Treaties on the Human Figure.
- Transparency Painting. Comprising Transparency Painting on Linen, and Transparent Painting on Glass.
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 " 4. Guide to Sketching from Nature in Water Colors.....By L. C. Miles  
 " 5. Guide to Water Color Painting.....By R. B. Noble  
 " 6. Guide to Oil Painting.....By J. S. Templeton  
 " 7. Guide to Oil Painting (Landscape from Nature).....By A. Clint  
 " 8. Guide to Light and Shade Drawing.....Mrs. Merryfield  
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 " 15. Guide to Miniature Painting and Coloring Photographs.....By J. S. Templeton  
 " 16. Hints for Sketching Trees from Nature in Water Colors.....By Thomas Hatton  
 " 17. Hints on Sketching from Nature. Part I.....By N. E. Green  
 " 18. " " " " " II.....By N. E. Green  
 " 19. " " " " " III.....By N. E. Green  
 " 20. On the Materials used in Painting.....By Charles Martel  
     With Remarks on Varnishing and Cleaning Pictures  
 " 21. Principles of Perspective.....By Henry Lewis  
 " 22. Guide to Modelling and Sculpture.....By Geo. Halse

For Handbooks on China Painting see page 47.

**ARTICLES FOR DECORATING.****COMPOSITION PLAQUES**

(PAPIER MACHE)

PREPARED FOR OIL AND WATER COLOR PAINTING.

**VWHITE, ROUND.**

6 inches.....	per dozen.	\$1.80	14 inches.....	per dozen,	\$5.60
7 " "	"	2.10	16 " "	"	7.00
8 " "	"	2.50	18 " "	"	9.80
9 " "	"	2.90	20 " "	"	15.00
10 " "	"	3.20	22 " "	"	18.00
12 " "	"	4.20	24 " "	"	21.00

**WHITE, OVAL.**

8 inches.....	per dozen,	\$2.50	13 inches.....	per dozen,	\$4.90
10 " "	"	3.20	15 " "	"	6.30
11 " "	"	3.75	17 " "	"	8.40

**BRASS PLAQUES.****Having a Dull Centre, Highly Burnished and Embossed Rim.**

3 inches.....	per dozen,	\$1.15	9 inches.....	per dozen,	\$3.75
4 " "	"	1.40	10 " "	"	4.15
5 " "	"	1.75	12 " "	"	5.65
6 " "	"	2.25	14 " "	"	8.25
7 " "	"	2.75	16 " "	"	11.25
8 " "	"	2.85			

## ARTICLES FOR DECORATING—Continued.

**FROSTED GLASS PLAQUES.**

(ALSO CALLED PORCELAIN PLAQUES.)

**ROUND, ACID ROUGHED.**

5 inches.....	per dozen, \$1.50
6 " "	" 1.90
7 " "	" 2.50
8 " "	" 3.00
9 " "	" 4.35
10 " "	" 4.80
11 " "	" 6.40
12 " "	" 7.50
13 " "	" 9.00
14 " "	" 10.15
15 " "	" 13.25
16 " "	" 16.15
18 " "	" 19.50

**SCALLOPED, ACID ROUGHED.**

8 inches.....	per dozen, \$3.60
10 " "	" 5.40
12 " "	" 8.25
14 " "	" 11.25

**SHELL-SHAPED, ACID ROUGHED.**

6 inches.....	per dozen, \$5.00
8 " "	" 7.00
9 " "	" 8.00
10 " "	" 10.00
12 " "	" 13.50

**OCTAGON-SHAPED, ACID ROUGHED.**

8 inches.....	per dozen, \$6.00
10 " "	" 8.50
12 " "	" 12.00
14 " "	" 16.00

## ARTICLES FOR DECORATING—Continued.

## Ground Glass Panels.

Sizes.		Plate Glass $\frac{1}{2}$ inch bevel.	Milk Glass $\frac{1}{4}$ inch bevel.	Milk Glass unbeveled.
3x4.....	each	\$0.15	\$0.17	\$0.13
3x5.....	"	0.18	0.21	0.16
3x6.....	"	0.24	0.25	0.18
3x8.....	"	0.26	0.31	0.22
4x4.....	"	0.18	0.21	0.16
4x6.....	"	0.26	0.31	0.22
4x8.....	"	0.30	0.34	0.25
4x10.....	"	0.38	0.42	0.31
4x12.....	"	0.45	0.50	0.38
5x5.....	"	0.26	0.31	0.22
5x7.....	"	0.34	0.38	0.28
5x8.....	"	0.38	0.42	0.31
5x10.....	"	0.45	0.50	0.38
5x12.....	"	0.53	0.60	0.43
6x6.....	"	0.34	0.38	0.28
6x8.....	"	0.45	0.50	0.38
6x10.....	"	0.53	0.60	0.43
6x12.....	"	0.63	0.71	0.53
7x7.....	"	0.45	0.50	0.38
7x10.....	"	0.60	0.67	0.50
7x12.....	"	0.75	0.85	0.63
7x14.....	"	0.85	0.92	0.68
8x8.....	"	0.60	0.67	0.50
8x10.....	"	0.71	0.80	0.59
8x12.....	"	0.86	0.96	0.72
8x14.....	"	1.00	1.13	0.83
8x16.....	"	1.13	1.25	0.93
10x10.....	"	1.00	1.13	0.83
10x12.....	"	1.13	1.25	0.93
10x14.....	"	1.23	1.37	1.03
10x16.....	"	1.46	1.63	1.21
10x18.....	"	1.66	1.88	1.43
10x20.....	"	1.83	2.05	1.50
12x12.....	"	1.38	1.54	1.17
14x14.....	"	2.05	2.29	1.71

## ARTICLES FOR DECORATING—Continued.

*Plate Glass Screens.*

Sold in sets of three smooth plateglass Panels with bevelled edges, and holes for tying them together with silk cord or ribbon, which then forms the screen.

4x 8 inches.....	.....	per set	\$1.40
5x10 "	"	"	1.60
6x12 "	"	"	2.00
7x12 "	"	"	2.60

## BLACK POLISHED WOOD PANELS.

4x8 inches.....	each \$0.40	9x18 inches.....	each \$0.65
5x10 "	" 0.40	9x20 "	" 0.70
6x10 "	" 0.40	10x20 "	" 0.90
5x12 "	" 0.40	10x24 "	" 1.00
6x12 "	" 0.48	11x22 "	" 1.10
6x14 "	" 0.48	12x20 "	" 1.20
6x16 "	" 0.50	12x24 "	" 1.40
8x12 "	" 0.50	14x20 "	" 1.40
7x14 "	" 0.50	14x24 "	" 1.60
7x15 "	" 0.50	14x29 "	" 2.50
6x18 "	" 0.55	16x20 "	" 1.80
8x14 "	" 0.55	15x22 "	" 2.10
8x16 "	" 0.60	12x28 "	" 2.10
8x18 "	" 0.65	13x32 "	" 2.50
8x20 "	" 0.65	18x24 "	" 2.50

## JAPANNED METAL PANELS.

4x6.....	each \$0.10	6x12.....	each \$0.20
4x8.....	" 0.12	7x14.....	" 0.24
4x9.....	" 0.14	8x16.....	" 0.37
5x10.....	" 0.14	9x18.....	" 0.44
5x12.....	" 0.18		

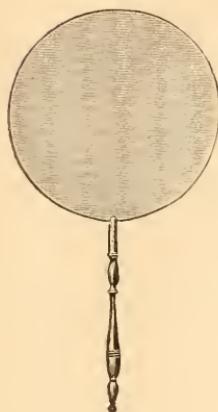
SPECIAL SIZES MADE TO ORDER.

## JAPANNED SIGN PLATES.

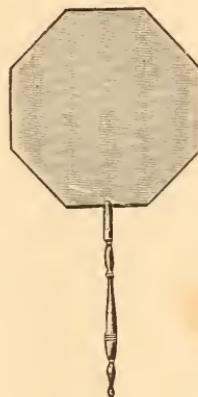
10x14, Light.....	per doz. \$1.25	20x28 Heavy.....	per doz \$15.00
10x14, Heavy.....	" 2.00	24x30 "	" 18.00
12x17 "	" 4.00	24x36 "	" 22.00
14x20 "	" 5.00	28x42 "	" 30.00
18x24 "	" 7.75	28x56 "	" 33.00

ARTICLES FOR DECORATING—Continued.

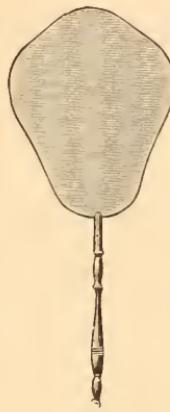
## ROCOCO FANS.



Round.



Octagon.



Louis XV.

Made of superfine Bolting Cloth in Metal Rim, with fancy shaped turned wood handle. Metal Rim and Handle are heavily gilt.

LENGTH OF FAN WITH HANDLE 17 INCHES.

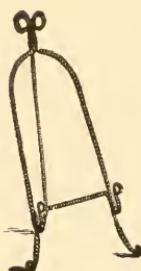
Each .....	\$0.85
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## CANVAS BLOTTERS.

Made of Blotting Paper in Canvas Cover for Decorating. The Cover and Pockets for Paper, Envelopes etc.  
are leather bound.

No. 1. 6 $\frac{5}{8}$ x 9 $\frac{5}{8}$ inches.....	per dozen, \$7.00
" 2. 8 $\frac{1}{4}$ x11 $\frac{1}{4}$ "	" 9.00
" 3. 9 $\frac{5}{8}$ x12 $\frac{3}{4}$ "	" 11.50
" 4. 10 $\frac{1}{2}$ x15 "	" 14.00

## WIRE EASELS. PICTURE EASELS, TURK'S HEAD PATTERN.



No.	Size.	White.	Gold Plate.
0	4½ inch high.....	each \$0.07.....	\$0.14
1	5½ " "	" 0.08.....	0.15
2	6½ " "	" 0.10.....	0.20
3	8½ " "	" 0.12.....	0.25
4	11 " "	" 0.18.....	0.35
5	12½ " "	" 0.25.....	0.50

## PICTURE EASELS, RUSTIC PATTERN.

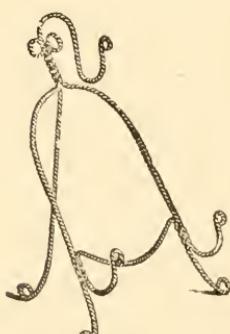


No.	Size.	White.	Gold Plate.
0	5 inch high.....	each \$0.07.....	\$0.14
1	6 " "	" 0.08.....	0.15
2	7 " "	" 0.10.....	0.20
3	9 " "	" 0.12.....	0.25
4	11½ " "	" 0.18.....	0.35
5	13 " "	" 0.25.....	0.50



## Plate Easels.

No.	To hold Plate.	White.	Gold Plate.
0	6 to 6½ inch diam.....	each \$0.16	\$0.30
1	7 to 7½ " "	" 0.16	0.30
2	8 to 8½ " "	" 0.18	0.35
3	9 to 9½ " "	" 0.18	0.35

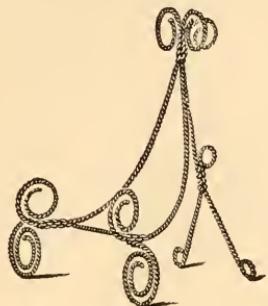


## CUP AND SAUCER EASELS.

No.	To hold Saucer.	White.	Gold Plate.
0	5 inch diam.....	each \$0.20	\$0.35
1	5½ " "	" 0.20	0.37
2	6 " "	" 0.22	0.40
3	6½ " "	" 0.22	0.43

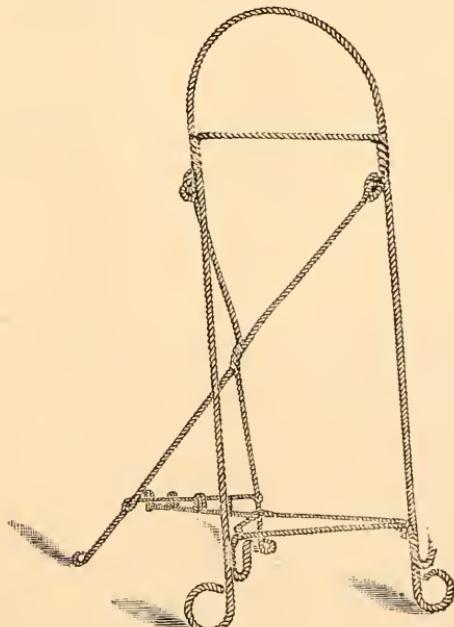
## WIRE EASELS—Continued.

## SCROLL PLAQUE EASELS.



To hold Plaque.		White.	Gold Plate
No. 0....6 to 6½ inches in diameter.....	each,	\$0.20	\$0.40
" 1....7 to 7½ " "	.....	" 0.25	0.50
" 2....8 to 8½ " "	.....	" 0.30	0.60
" 3....9 to 9½ " "	.....	" 0.35	0.70
" 4....10 to 10½ " "	.....	" 0.40	0.80

## ARTISTS' TABLE EASELS.



A large Easel, 6½ inches wide, 18 inches long.

For Panels and larger Pictures.

White Metal.....	each, \$0.60
Gold Plate.....	" 1.20

## WIRE EASELS - Continued.

## TITLE-EASELS.



White. Gold Plate.

For 6x6 Tile.....	each	\$0.30	\$0.60
" 8x8 " .....	"	0.45	0.90

## BANNER RODS.

Rustic Pattern. Finely gilt. Extra heavy.

10 inches.....	per dozen	\$2.50
12 " .....	"	3.00

## BANNER STANDS.

Rustic Pattern. Rim Cone Base. Fancy Shaft. Finely gilt.	
17 inches, including Base.....	per dozen \$9.00

## CHAIN PLAQUE HANGERS.

No. 1. For Plaques from 5—7 inches.....	per dozen	\$2.50
" 2. " " 7—10 "	"	3.00
" 3. " " 8—12 "	"	3.60
" 4. " " 11—15 "	"	4.20
" 5. " " 12—18 "	"	5.50

## IMPROVED PLAQUE HANGERS.

With Spiral Spring Guards.

No. 0....	For 6 to 7 inches Plaque.....	each, \$0.12	White. \$0.14
" 1....	" 8 " 9 "	"	0.13 0.15
" 2....	" 10 " 11 "	"	0.15 0.18
" 3....	" 12 " 13 "	"	0.18 0.20
" 4....	" 14 " 15 "	"	0.22 0.27
" 5....	" 16 " 18 "	"	0.25 0.33

## STUDIES.

We always have a large assortment of the latest French and German studies but as we receive continually fresh supplies of new studies and drop old ones, a printed Price List would not hold good for any length of time. We, therefore, request buyers to examine our assortment and make their selection whenever they are in New York.



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## BAWO & DOTTER,

26, 28, 30 & 32 Barclay St., New York.

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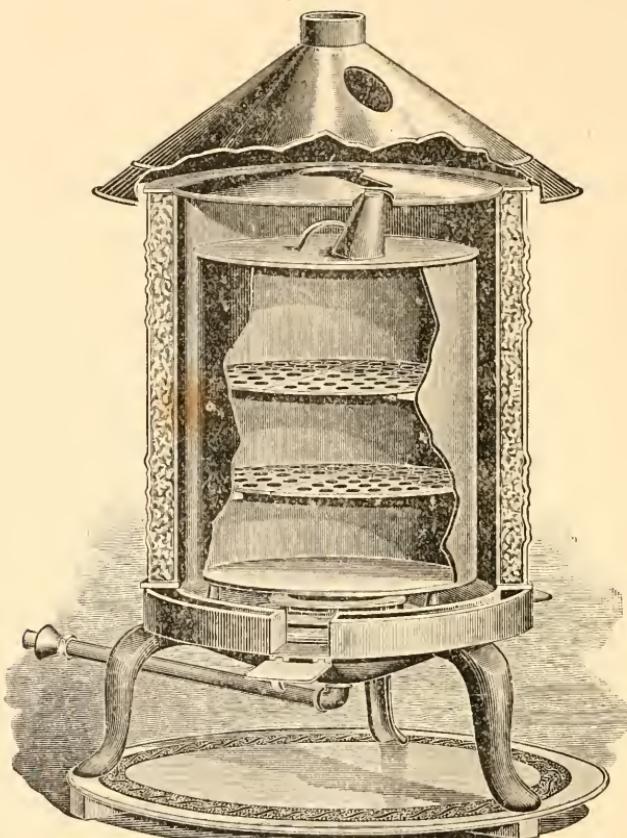
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STEINSCHOENAU, BOHEMIA

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**• WILKE CHINA KILN •**  
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It is an unqualified success, not only in this country, but in Europe.

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Constructed on practical principles, by practical artisans, in the only thoroughly equipped plant for the manufacture of portable kilns in the United States.

An economical and efficient device having a world-wide reputation for beautiful work.

A marvel of simplicity and cleanliness.

Used exclusively by the Manufacturers of all the China Paints imported into this country. Also in use and recommended highly by the best Amateur and Professional Artists in every city in the United States and Europe.

Its simplicity of construction and the positive character of the service performed by it, have given it pre-eminence.

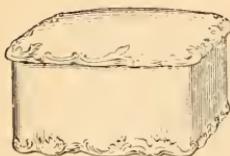
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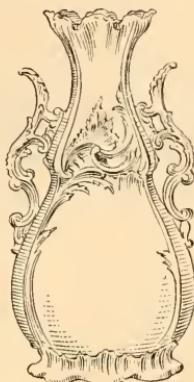
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# WHITE CHINA FOR DECORATING.

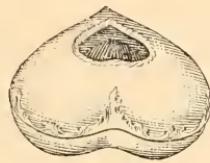
D. & Co.  
FRANCE TRADE MARK STAMPED ON EACH PIECE.



No. 663.



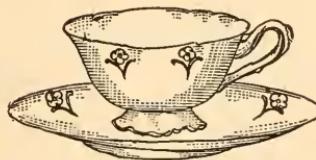
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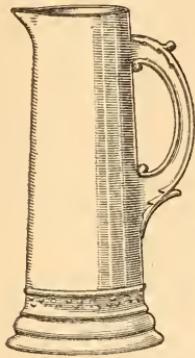
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**Mat Roman Gold or Fluxed Vitro Water Gold.**

THESE SUPERIOR GOLD PREPARATIONS ARE

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GLAZES AFTER FIRING.

## MEMORANDUM.

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→→→→→

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